

Key : i=IRIS h=HEAST n=NCEA x=WITHDRAWN o=Other EPA DOCUMENTS r=ROUTE EXTRAPOLATION ca=CANCER PRG nc=NONCANCER PRG sat=SOIL SATURATION max=CEILING LIMIT *(where: nc < 100X ca) **(where: nc < 10X ca)

FOR PLANNING PURPOSES

TOXICITY INFORMATION					CONTAMINANT			PRELIMINARY REMEDIATION GOALS (PRGS)					SOIL SCREENING LEVELS								
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils	CAS No.		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water	DAF 20 (mg/kg)	DAF 1 (mg/kg)								
8.7E-03	i	4.0E-03	i	8.7E-03	r	4.0E-03	r	0	30560-19-1	Acephate	5.6E+01	ca**	2.8E+02	ca*	7.7E-01	ca*	7.7E+00	ca*			
		7.7E-03	i	2.6E-03	i	1		75-07-0	34256-82-1	Acetaldehyde	1.1E+01	ca**	2.3E+01	ca**	8.7E-01	ca*	1.7E+00	nc			
		2.0E-02	i	2.0E-02	r	0	0.1			Acetochlor	1.2E+03	nc	1.8E+04	nc	7.3E+01	nc	7.3E+02	nc			
		1.0E-01	i			1.0E-01	r	1		Acetone	1.6E+03	nc	6.2E+03	nc	3.7E+02	nc	6.1E+02	nc	1.6E+01		
		8.0E-04	h	8.0E-04	r	0	0.1	75-86-5		Acetone cyanohydrin	4.9E+01	nc	7.0E+02	nc	2.9E+00	nc	2.9E+01	nc			
		6.0E-03	x	1.7E-02	i	1		75-05-8		Acetonitrile	2.7E+02	nc	1.7E+03	nc	6.2E+01	nc	7.9E+01	nc			
		1.0E-01	i			5.7E-06	x	1	98-86-2	Acetophenone	4.9E-01	nc	1.6E+00	nc	2.1E-02	nc	4.2E-02	nc			
1.1E-01	o	1.3E-02	i	1.1E-01	r	1.3E-02	r	0	0.1	Acifluorfen	4.4E+00	ca	2.2E+01	ca	6.1E-02	ca	6.1E-01	ca			
		2.0E-02	h	5.7E-06	i	1		107-02-8		Acrolein	1.0E-01	nc	3.4E-01	nc	2.1E-02	nc	4.2E-02	nc			
		4.6E+00	i	2.0E-04	i	4.6E+00	i	2.0E-04	r	0	0.1	79-06-1	Acrylamide	1.1E-01	ca	5.4E-01	ca	1.5E-03	ca	1.5E-02	
		5.0E-01	i			2.9E-04	i	0	0.1	Acrylic acid	2.9E+04	nc	1.0E+05	max	1.0E+00	nc	1.8E+04	nc			
		5.4E-01	i	1.0E-03	h	2.4E-01	i	5.7E-04	i	Acrylonitrile	2.1E-01	ca*	5.1E-01	ca*	2.8E-02	ca*	3.9E-02	ca*			
		8.1E-02	h	1.0E-02	i	8.0E-02	r	1.0E-02	r	0	0.1	15972-60-8	Alachlor	6.0E+00	ca	3.1E+01	ca	8.4E-02	ca	8.4E-01	
		1.5E-01	i			1.5E-01	r	0	0.1	Alar	9.2E+03	nc	1.0E+05	max	5.5E+02	nc	5.5E+03	nc			
		1.0E-03	i			1.0E-03	r	0	0.1	Aldicarb	6.1E+01	nc	8.8E+02	nc	3.7E+00	nc	3.6E+01	nc			
		1.0E-03	i			1.0E-03	r	0	0.1	Aldicarb sulfone	6.1E+01	ca	8.8E+02	nc	3.7E+00	nc	3.6E+01	nc			
1.7E+01	i	3.0E-05	i	1.7E+01	i	3.0E-05	r	0	0.1	Aldrin	2.9E-02	ca*	1.5E-01	ca	3.9E-04	ca	4.0E-03	ca	5.0E-01		
		2.5E-01	i			2.5E-01	r	0	0.1	Ally	1.5E+04	nc	1.0E+05	max	9.1E+02	nc	9.1E+03	nc	2.0E-02		
		5.0E-03	i			5.0E-03	r	0	0.1	Allyl alcohol	3.1E+02	nc	4.4E+03	nc	1.8E+01	nc	1.8E+02	nc			
		5.0E-02	x			2.9E-04	i	0	0.1	Allyl chloride	3.0E+03	nc	4.3E+04	nc	1.0E+00	nc	1.8E+03	nc			
		1.0E+00	n			1.4E-03	n	0	0	Aluminum	7.6E+04	nc	1.0E+05	max	5.1E+00	nc	3.6E+04	nc			
		4.0E-04	i			0		20859-73-8		Aluminum phosphide	3.1E+01	nc	8.2E+02	nc	1.5E+01	nc					
		3.0E-04	i			3.0E-04	r	0	0.1	Amdro	1.8E+01	nc	2.6E+02	nc	1.1E+00	nc	1.1E+01	nc			
		9.0E-03	i			9.0E-03	r	0	0.1	Ametryn	5.5E+02	nc	7.9E+03	nc	3.3E+01	nc	3.3E+02	nc			
		7.0E-02	h			7.0E-02	r	0	0.1	m-Aminophenol	4.3E+03	nc	6.2E+04	nc	2.6E+02	nc	2.6E+03	nc			
		2.0E-05	h			2.0E-05	r	0	0.1	4-Aminopyridine	1.2E+00	nc	1.8E+01	nc	7.3E-02	nc	7.3E-01	nc			
		2.5E-03	i			2.5E-03	r	0	0.1	Amitraz	1.5E+02	nc	2.2E+03	nc	9.1E+00	nc	9.1E+01	nc			
		2.9E-02	i			7664-41-7				Ammonia			1.0E+02	nc							
5.7E-03	i	7.0E-03	n	5.7E-03	r	2.9E-04	i	0	0.1	Ammonium sulfamate	1.2E+04	nc	1.0E+05	max	7.3E+03	nc					
								62-53-3		Aniline	8.5E+01	ca**	4.3E+02	ca*	1.0E+00	nc	1.2E+01	ca*			
		4.0E-04	i			0		7773-06-0		Antimony and compounds	3.1E+01	nc	8.2E+02	nc		1.5E+01	nc			5.0E+00	
		5.0E-04	h			0		1314-60-9		Antimony pentoxide	3.9E+01	nc	1.0E+03	nc		1.8E+01	nc			3.0E-01	
		9.0E-04	h			0		28300-74-5		Antimony potassium tartrate	7.0E+01	nc	1.8E+03	nc		3.3E+01	nc				
		4.0E-04	h			0		1332-81-6		Antimony tetroxide	3.1E+01	nc	8.2E+02	nc		1.5E+01	nc				
		4.0E-04	h	5.7E-05	i	0		1309-64-4		Antimony trioxide	3.1E+01	nc	8.2E+02	nc	2.1E-01	nc	1.5E+01	nc			
		1.3E-02	i			1.3E-02	r	0	0.1	Apollo	7.9E+02	nc	1.1E+04	nc	4.7E+01	nc	4.7E+02	nc			
		2.5E-02	i	5.0E-02	i	2.5E-02	i	0	0.1	Aramite	1.9E+01	ca	9.9E+01	ca	2.7E-01	ca	2.7E+00	ca			
		3.0E-04	i			0	0.03	7440-38-2		Arsenic (noncancer endpoint)	2.2E+01	nc	4.4E+02	nc							
		1.5E+00	i	3.0E-04	i	1.5E+01	i	0	0.03	Arsenic (cancer endpoint)	3.9E-01	ca*	2.7E+00	ca	4.5E-04	ca	4.5E-02	ca	2.9E+01		
										Arsine (see arsenic for cancer endpoint)					5.2E-02	nc					
		9.0E-03	i			1.4E-05	i	0	0.1	Assure	5.5E+02	nc	7.9E+03	nc	3.3E+01	nc	3.3E+02	nc			
		5.0E-02	i			9.0E-03	r	0	0.1	Asulam	3.1E+03	nc	4.4E+04	nc	1.8E+02	nc	1.8E+03	nc			
		2.2E-01	h	3.5E-02	h	2.2E-01	r	3.5E-02	r	0	0.1	1912-24-9	Atrazine	2.2E+00	ca	1.1E+01	ca	3.1E-02	ca	3.0E-01	
		4.0E-04	i			4.0E-04	r	0	0.1	Avermectin B1	2.4E+01	nc	3.5E+02	nc	1.5E+00	nc	1.5E+01	nc			
		1.1E-01	i			1.1E-01	i	0	0.1	Azobenzene	4.4E+00	ca	2.2E+01	ca	6.2E-02	ca	6.1E-01	ca			
		7.0E-02	i			1.4E-04	h	0		Barium and compounds	5.4E+03	1.0E+05	max	5.2E-01	nc	2.6E+03	nc			1.6E+03	
		4.0E-03	i			4.0E-03	r	0	0.1	Baygon	2.4E+02	nc	3.5E+03	nc	1.5E+01	nc	1.5E+02	nc			8.2E+01
		3.0E-02	i			3.0E-02	r	0	0.1	Bayleton	1.8E+03	nc	2.6E+04	nc	1.1E+02	nc	1.1E+03	nc			
		2.5E-02	i			2.5E-02	r	0	0.1	Baythroid	1.5E+03	nc	2.2E+04	nc	9.1E+01	nc	9.1E+02	nc			
		3.0E-01	i			3.0E-01	r	0	0.1	Benefin	1.8E+04	nc	1.0E+05	max	1.1E+03	nc	1.1E+04	nc			
		5.0E-02	i			5.0E-02	r	0	0.1	Benomyl	3.1E+03	nc	4.4E+04	nc	1.8E+02	nc	1.8E+03	nc			
		3.0E-02	i			3.0E-02	r	0	0.1	Bentazon	1.8E+03	nc	2.6E+04	nc	1.1E+02	nc	1.1E+03	nc			
		1.0E-01	i			1.0E-01	r	0	0.1	Benzaldehyde	6.1E+03	nc	8.8E+04	nc	3.7E+02	nc	3.6E+03	nc			
		5.5E-02	i	3.0E-03	n	2.7E-02	i	1.7E-03	n	Benzene	6.5E-01	ca	1.5E+00	ca	2.5E-01	ca	3.5E-01	ca*	3.0E-02	2.0E-03	

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TOXICITY INFORMATION						CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS						
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils	CAS No.		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water						
											DAF 20 (mg/kg)	DAF 1 (mg/kg)					
2.3E+02	i	3.0E-03	i	2.3E+02	i	3.0E-03	r 0 0.1	92-87-5	Benzidine	2.1E-03	ca 1.1E-02	ca 2.9E-05	ca 2.9E-04	ca	4.0E+02	2.0E+01	
		4.0E+00	i			4.0E+00	r 0 0.1	65-85-0	Benzzoic acid	1.0E+05	max 1.0E+05	max 1.5E+04	nc 1.5E+05	nc			
1.3E+01	i			1.3E+01	r		0 0.1	98-07-7	Benzotrichloride	3.7E-02	ca 1.9E-01	ca 5.2E-04	ca 5.2E-03	ca			
1.7E-01	i	3.0E-01	h			3.0E-01	r 0 0.1	100-51-6	Benzyl alcohol	1.8E+04	nc 1.0E+05	max 1.1E+03	nc 1.1E+04	nc			
				1.7E-01	r		1	100-44-7	Benzyl chloride	8.9E-01	ca 2.3E+00	ca 4.0E-02	ca 6.6E-02	ca			
2.0E-03	i	8.4E+00	i	5.7E-06	i	0		7440-41-7	Beryllium and compounds	1.5E+02	nc 2.2E+03	ca** 8.0E-04	ca* 7.3E+01	nc	6.3E+01	3.0E+00	
1.0E-04	i			1.0E-04	r	0 0.1		141-66-2	Bidrin	6.1E+00	nc 8.8E+01	nc 3.7E-01	nc 3.6E+00	nc			
1.5E-02	i			1.5E-02	r	0 0.1		82657-04-3	Biphen thrin (Talstar)	9.2E+02	nc 1.3E+04	nc 5.5E+01	nc 5.5E+02	nc			
5.0E-02	i			5.0E-02	r	1		92-52-4	1,1-Biphenyl	3.5E+02	sat 3.5E+02	sat 1.8E+02	nc 3.0E+02	nc			
1.1E+00	i			1.2E+00	i	1		111-44-4	Bis(2-chloroethyl)ether	2.1E-01	ca 6.2E-01	ca 5.8E-03	ca 9.8E-03	ca	4.0E-04	2.0E-05	
7.0E-02	h	4.0E-02	i	3.5E-02	h	4.0E-02	r 1	108-60-1	Bis(2-chloroisopropyl)ether	2.9E+00	ca 8.1E+00	ca 1.9E-01	ca 2.7E-01	ca			
2.2E+02	i			2.2E+02	i		1	542-88-1	Bis(chloromethyl)ether	1.9E-04	ca 4.4E-04	ca 3.1E-05	ca 5.2E-05	ca			
7.0E-02	h	4.0E-02	i	3.5E-02	h	4.0E-02	r 1	108-60-1	Bis(2-chloro-1-methylethyl)ether	2.9E+00	ca 8.1E+00	ca 1.9E-01	ca 2.7E-01	ca			
1.4E-02	i	2.0E-02	i	1.4E-02	r	2.2E-02	r 0 0.1	117-81-7	Bis(2-ethylhexyl)phthalate (DEHP)	3.5E+01	ca* 1.8E+02	ca 4.8E-01	ca 4.8E+00	ca			
5.0E-02	i			5.0E-02	i	0 0.1		80-05-7	Bisphenol A	3.1E+03	nc 4.4E+04	nc 1.8E+02	nc 1.8E+03	nc			
9.0E-02	i			5.7E-03	h	0 0.1		7440-42-8	Boron	5.5E+03	nc 7.9E+04	nc 2.1E+01	nc 3.3E+03	nc			
				2.0E-04	h	0 0.1		7637-07-2	Boron trifluoride	2.8E+01	nc 9.2E+01	nc 1.0E+01	nc 2.0E+01	nc			
				2.9E-03	n	1		108-86-1	Bromobenzene								
6.2E-02	i	2.0E-02	i	6.2E-02	r	2.0E-02	r 1	75-27-4	Bromodichloromethane	1.0E+00	ca 2.4E+00	ca 1.1E-01	ca 1.8E-01	ca	6.0E-01	3.0E-02	
7.9E-03	i	2.0E-02	i	3.9E-03	i	2.0E-02	r 0 0.1	75-25-2	Bromoform (tribromomethane)	6.2E+01	ca* 3.1E+02	ca* 1.7E+00	ca* 8.5E+00	ca*	8.0E-01	4.0E-02	
1.4E-03	i			1.4E-03	i	1		74-83-9	Bromomethane (Methyl bromide)	3.9E+00	nc 1.3E+01	nc 5.2E+00	nc 8.7E+00	nc	2.0E-01	1.0E-02	
						0 0.1		101-55-3	4-Bromophenyl phenyl ether								
5.0E-03	h			5.0E-03	r	0 0.1		2104-96-3	Bromophos	3.1E+02	nc 4.4E+03	nc 1.8E+01	nc 1.8E+02	nc			
2.0E-02	i			2.0E-02	r	0 0.1		1689-84-5	Bromoxy n il	1.2E+03	nc 1.8E+04	nc 7.3E+01	nc 7.3E+02	nc			
1.8E+00	r			2.0E-02	i	0 0.1		1689-99-2	Bromoxy n il octanoate	1.2E+03	nc 1.8E+04	nc 7.3E+01	nc 7.3E+02	nc			
1.0E-01	i			1.8E+00	i	1		106-99-0	1,3-Butadiene	3.5E-03	ca 7.6E-03	ca 3.7E-03	ca 6.2E-03	ca			
				1.0E-01	r	0 0.1		71-36-3	1-Butanol	6.1E+03	nc 8.8E+04	nc 3.7E+02	nc 3.6E+03	nc	1.7E+01	9.0E-01	
5.0E-02	i			5.0E-02	r	0 0.1		2008-41-5	Butylate	3.1E+03	nc 4.4E+04	nc 1.8E+02	nc 1.8E+03	nc			
1.0E-02	n			1.0E-02	r	1		104-51-8	n-Butylbenzene	1.4E+02	nc 2.4E+02	sat 3.7E+01	nc 6.1E+01	nc			
1.0E-02	n			1.0E-02	r	1		135-98-8	sec-Butylbenzene	1.1E+02	nc 2.2E+02	sat 3.7E+01	nc 6.1E+01	nc			
1.0E-02	n			1.0E-02	r	1		98-06-6	tert-Butylbenzene	1.3E+02	nc 3.9E+02	sat 3.7E+01	nc 6.1E+01	nc			
2.0E-01	i			2.0E-01	r	0 0.1		85-68-7	Butyl benzyl phthalate	1.2E+04	nc 1.0E+05	max 7.3E+02	nc 7.3E+03	nc	9.3E+02	8.1E+02	
1.0E+00	i			1.0E+00	r	0 0.1		85-70-1	Butylphthalyl butylglycolate	6.1E+04	nc 1.0E+05	max 3.7E+03	nc 3.6E+04	nc			
3.0E-03	h			3.0E-03	r	0 0.1		75-60-5	Cacodylic acid	1.8E+02	nc 2.6E+03	nc 1.1E+01	nc 1.1E+02	nc			
5.0E-04	i	6.3E+00	i			0 0.001		7440-43-9	Cadmium and compounds	3.7E+01	nc 8.1E+02	nc 1.1E-03	nc 1.8E+01	nc	8.0E+00	4.0E-01	
									"CAL-Modified PRG" (PEA, 1994)	9.0E+00							
5.0E-01	i			5.0E-01	r	0 0.1		105-60-2	Caprolactam	3.1E+04	nc 1.0E+05	max 1.8E+03	nc 1.8E+04	nc			
8.6E-03	h	2.0E-03	i	8.6E-03	r	2.0E-03	r 0 0.1	2425-06-1	Captafol	5.7E+01	ca** 2.9E+02	ca** 7.8E-01	ca** 7.8E+00	ca**			
3.5E-03	h	1.3E-01	i	3.5E-03	r	1.3E-01	r 0 0.1	133-06-2	Captan	1.4E+02	ca* 7.0E+02	ca 1.9E+00	ca 1.9E+01	ca			
1.0E-01	i			1.1E-01	r	0 0.1		63-25-2	Carbaryl	6.1E+03	nc 8.8E+04	nc 4.0E+02	nc 3.6E+03	nc			
2.0E-02	h			2.0E-02	r	0 0.1		86-74-8	Carbazole	2.4E+01	ca 1.2E+02	ca 3.4E-01	ca 3.4E+00	ca	6.0E-01	3.0E-02	
5.0E-03	i			5.0E-03	r	0 0.1		1563-66-2	Carbofuran	3.1E+02	nc 4.4E+03	nc 1.8E+01	nc 1.8E+02	nc			
1.0E-01	i			2.0E-01	i	1		75-15-0	Carbon disulfide	3.6E+02	nc 7.2E+02	sat 7.3E+02	nc 1.0E+03	nc	3.2E+01	2.0E+00	
1.3E-01	i	7.0E-04	i	5.3E-02	i	7.0E-04	r 1	56-23-5	Carbon tetrachloride	2.4E-01	ca** 5.3E-01	ca* 1.3E-01	ca* 1.7E-01	ca*	7.0E-02	3.0E-03	
1.0E-02	i			1.0E-02	r	0 0.1		55285-14-8	Carbosulfan	6.1E+02	nc 8.8E+03	nc 3.7E+01	nc 3.6E+02	nc			
1.0E-01	i			1.0E-01	r	0 0.1		5234-68-4	Carboxin	6.1E+03	nc 8.8E+04	nc 3.7E+02	nc 3.6E+03	nc			
1.5E-02	i			1.5E-02	r	0 0.1		133-90-4	Chloramben	9.2E+02	nc 1.3E+04	nc 5.5E+01	nc 5.5E+02	nc			
4.0E-01	h			4.0E-01	r			118-75-2	Chloranil	1.2E+00	ca 6.1E+00	ca 1.7E-02	ca 1.7E-01	ca			
3.5E-01	i	5.0E-04	i	3.5E-01	i	2.0E-04	i	0 0.04	Chlordane	1.6E+00	ca* 1.1E+01	ca* 1.9E-01	ca* 1.9E-01	ca*	1.0E+01	5.0E-01	
2.0E-02	i			2.0E-02	r	0 0.1		90982-32-4	Chlorimuron-ethyl	1.2E+03	nc 1.8E+04	nc 7.3E+01	nc 7.3E+02	nc			
1.0E-01	i			5.7E-05	n			7782-50-5	Chlorine								
				5.7E-05	i			10049-04-4	Chlorine dioxide								
						1		107-20-0	Chloroacetaldehyde								
2.0E-03	h			2.0E-03	r	0 0.1		79-11-8	Chloroacetic acid	1.2E+02	nc 1.8E+03	nc 7.3E+00	nc 7.3E+01	nc			

Key : i=IRIS h=HEAST n=NCEA x=WITHDRAWN o=Other EPA DOCUMENTS r=ROUTE EXTRAPOLATION ca=CANCER PRG nc=NONCANCER PRG sat=SOIL SATURATION max=CEILING LIMIT *(where: nc < 100X ca) **(where: nc < 10X ca)

FOR PLANNING PURPOSES

TOXICITY INFORMATION					CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS		
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water		
										DAF 20 (mg/kg)	DAF 1 (mg/kg)	
8.6E-06	r	8.6E-06	i 1	532-27-4	2-Chloroacetophenone	3.3E-02 nc	1.1E-01 nc	3.1E-02 nc	5.2E-02 nc	7.0E-01	3.0E-02	
4.0E-03	i	4.0E-03	r 0 0.1	106-47-8	4-Chloroaniline	2.4E+02 nc	3.5E+03 nc	1.5E+01 nc	1.5E+02 nc	1.0E+00	7.0E-02	
2.0E-02	i	1.7E-02	n 1	108-90-7	Chlorobenzene	1.5E+02 nc	5.4E+02 nc	6.2E+01 nc	1.1E+02 nc			
2.7E-01	h	2.0E-02	i 2.7E-01	h	Chlorobenzilate	1.8E+00 ca	9.1E+00 ca	2.5E-02 ca	2.5E-01 ca			
2.0E-01	h	2.0E-01	r 0 0.1	74-11-3	p-Chlorobenzoic acid	1.2E+04 nc	1.0E+05 max	7.3E+02 nc	7.3E+03 nc			
2.0E-02	h	2.0E-02	r 0 0.1	98-56-6	4-Chlorobenzotrifluoride	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc			
2.0E-02	h	2.0E-03	h 1	126-99-8	2-Chloro-1,3-butadiene	3.6E+00 nc	1.2E+01 nc	7.3E+00 nc	1.4E+01 nc			
4.0E-01	h	4.0E-01	r 1	109-69-3	1-Chlorobutane	4.8E+02 sat	4.8E+02 sat	1.5E+03 nc	2.4E+03 nc			
1.4E+01	r	1.4E+01	i 1	75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	3.4E+02 sat	3.4E+02 sat	5.2E+04 nc	8.7E+04 nc			
1.4E+01	r	1.4E+01	i 1	75-45-6	Chlorodifluoromethane	3.4E+02 sat	3.4E+02 sat	5.1E+04 nc	8.5E+04 nc			
2.9E-03	n	4.0E-01	n 2.9E-03	r 2.9E+00	Chloroethane	3.0E+00 ca	6.5E+00 ca	2.3E+00 ca	4.6E+00 ca			
				1 110-75-8	2-Chloroethyl vinyl ether							
6.1E-03	i	1.0E-02	i 8.1E-02	i 8.6E-05	Chloroform	2.4E-01 ca**	5.2E-01 ca**	8.4E-02 ca**	1.6E-01 ca**	6.0E-01	3.0E-02	
1.3E-02	h	6.3E-03	h 8.6E-02	n 1	Chloromethane	1.2E+00 ca	2.7E+00 ca	1.1E+00 ca	1.5E+00 ca			
5.8E-01	h	5.8E-01	r 0 0.1	95-69-2	4-Chloro-2-methylaniline	8.4E-01 ca	4.3E+00 ca	1.2E-02 ca	1.2E-01 ca			
4.6E-01	h	4.6E-01	r 0 0.1	3165-93-3	4-Chloro-2-methylaniline hydrochloride	1.1E+00 ca	5.4E+00 ca	1.5E-02 ca	1.5E-01 ca			
8.0E-02	i	8.0E-02	r 1	91-58-7	beta-Chloronaphthalene	3.9E+03 nc	2.7E+04 nc	2.9E+02 nc	4.9E+02 nc			
2.5E-02	h	2.5E-02	r 1	88-73-3	o-Chloronitrobenzene	8.1E+00 ca	2.3E+01 ca	2.7E-01 ca	4.5E-01 ca			
1.8E-02	h	1.8E-02	r 1	100-00-5	p-Chloronitrobenzene	1.1E+01 ca	3.2E+01 ca	3.7E-01 ca	6.2E-01 ca			
5.0E-03	i	5.0E-03	r 1	95-57-8	2-Chlorophenol	6.3E+01 nc	2.4E+02 nc	1.8E+01 nc	3.0E+01 nc	4.0E+00	2.0E-01	
2.9E-02	r	2.9E-02	h 1	75-29-6	2-Chloropropane	1.7E+02 nc	5.9E+02 nc	1.0E+02 nc	1.7E+02 nc			
1.1E-02	h	1.5E-02	i 1.1E-02	r 0 0.1	1897-45-6	4.4E+01 ca*	2.2E+02 ca*	6.1E-01 ca*	6.1E+00 ca*			
2.0E-02	i	2.0E-02	r 1	95-49-8	o-Chlorotoluene	1.6E+02 nc	5.7E+02 nc	7.3E+01 nc	1.2E+02 nc			
2.0E-01	i	2.0E-01	r 0 0.1	101-21-3	Chlorpropham	1.2E+04 nc	1.0E+05 max	7.3E+02 nc	7.3E+03 nc			
3.0E-03	i	3.0E-03	r 0 0.1	2921-88-2	Chlorpyrifos	1.8E+02 nc	2.6E+03 nc	1.1E+01 nc	1.1E+02 nc			
1.0E-02	h	1.0E-02	r 0 0.1	5598-13-0	Chlorpyrifos-methyl	6.1E+02 nc	8.8E+03 nc	3.7E+01 nc	3.6E+02 nc			
5.0E-02	i	5.0E-02	r 0 0.1	64902-72-3	Chlorsulfuron	3.1E+03 nc	4.4E+04 nc	1.8E+02 nc	1.8E+03 nc			
8.0E-04	h	8.0E-04	r 0 0.1	60238-56-4	Chlorthiophos	4.9E+01 nc	7.0E+02 nc	2.9E+00 nc	2.9E+01 nc			
4.2E+01	i	0	0	16065-83-1	Total Chromium (1:6 ratio Cr VI:Cr III)	2.1E+02 ca	4.5E+02 ca	1.6E-04 ca		3.8E+01	2.0E+00	
1.5E+00	i	0	0	18540-29-9	Chromium VI "CAL-Modified PRG" (PEA, 1994)	1.0E+05 max	1.0E+05 max	0.0E+00	5.5E+04 nc	3.8E+01	2.0E+00	
6.0E-02	n	0	0	7440-48-4	Cobalt	3.0E+01 ca**	6.4E+01 ca	2.3E-05 ca	1.1E+02 nc			
2.2E+00	i	0	0	8007-45-2	Coke Oven Emissions	2.0E-01			1.6E-01			
3.7E-02	h	0	0	7440-50-8	Copper and compounds	4.7E+03 nc	1.0E+05 max		2.2E+03 nc			
1.9E+00	h	1.9E+00	r 1	123-73-9	Crotonaldehyde	2.9E+03 nc	7.6E+04 nc	1.4E-03 ca				
1.0E-01	i	1.1E-01	i 1	98-82-8	Cumene (isopropylbenzene)	1.6E+02 nc	5.2E+02 nc	4.0E+02 nc	6.6E+02 nc			
8.4E-01	h	2.0E-03	r 0 0.1	21725-46-2	Cyanazine	5.8E-01 nc	2.9E+00 nc	8.0E-03 nc	8.0E-02 nc			
2.0E-02	i	8.6E-04	i 1	74-90-8	Cyanide and compounds	1.1E+01 nc	3.5E+01 nc	3.1E+00 nc	6.2E+00 nc			
4.0E-02	i	4.0E-02	r 1	460-19-5	Cyanogen	1.3E+02 nc	4.3E+02 nc	1.5E+02 nc	2.4E+02 nc			
9.0E-02	i	9.0E-02	r 1	506-68-3	Cyanogen bromide	2.9E+02 nc	9.7E+02 nc	3.3E+02 nc	5.5E+02 nc			
5.0E-02	i	5.0E-02	r 1	506-77-4	Cyanogen chloride	1.6E+02 nc	5.4E+02 nc	1.8E+02 nc	3.0E+02 nc			
5.7E+00	r	5.7E+00	n 1	110-82-7	Cyclohexane	1.4E+02 sat	1.4E+02 sat	2.1E+04 nc	3.5E+04 nc			
5.0E+00	i	5.0E+00	r 0 0.1	108-94-1	Cyclohexanone	1.0E+05 max	1.0E+05 max	1.8E+04 nc	1.8E+05 nc			
2.0E-01	i	2.0E-01	r 0 0.1	108-91-8	Cyclohexylamine	1.2E+04 nc	1.0E+05 max	7.3E+02 nc	7.3E+03 nc			
5.0E-03	i	5.0E-03	r 0 0.1	68085-85-8	Cyhalothrin/Karate	3.1E+02 nc	4.4E+03 nc	1.8E+01 nc	1.8E+02 nc			
1.0E-02	i	1.0E-02	r 0 0.1	52315-07-8	Cypermethrin	6.1E+02 nc	8.8E+03 nc	3.7E+01 nc	3.6E+02 nc			
7.5E-03	i	7.5E-03	r 0 0.1	66215-27-8	Cyromazine	4.6E+02 nc	6.6E+03 nc	2.7E+01 nc	2.7E+02 nc			
1.0E-02	i	1.0E-02	r 0 0.1	1861-32-1	Dacthal	6.1E+02 nc	8.8E+03 nc	3.7E+01 nc	3.6E+02 nc			
3.0E-02	i	3.0E-02	r 0 0.1	75-99-0	Dalapon	1.8E+03 nc	2.6E+04 nc	1.1E+02 nc	1.1E+03 nc			
2.5E-02	i	2.5E-02	r 0 0.1	39515-41-8	Danitol	1.5E+03 nc	2.2E+04 nc	9.1E+01 nc	9.1E+02 nc			
2.4E-01	i	2.4E-01	r 0 0.03	72-54-8	DDD	2.4E+00 ca	1.7E+01 ca	2.8E-02 ca	2.8E-01 ca	1.6E+01	8.0E-01	
3.4E-01	i	3.4E-01	r 0 0.03	72-55-9	DDE	1.7E+00 ca	1.2E+01 ca	2.0E-02 ca	2.0E-01 ca	5.4E+01	3.0E+00	
3.4E-01	i	5.0E-04	i 3.4E-01	5.0E-04	DDT	1.7E+00 ca*	1.2E+01 ca*	2.0E-02 ca*	2.0E-01 ca*	3.2E+01	2.0E+00	

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FOR PLANNING PURPOSES

TOXICITY INFORMATION					CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS			
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water			
										DAF 20 (mg/kg)	DAF 1 (mg/kg)		
					Decabromodiphenyl ether	6.1E+02	nc	8.8E+03	nc	3.7E+01	3.6E+02		
					Demeton	2.4E+00	nc	3.5E+01	nc	1.5E-01	1.5E+00		
					Diallate	8.0E+00	ca	4.0E+01	ca	1.1E-01	1.1E+00		
6.1E-02	h	6.1E-02	r	0	0.1	1163-19-5							
					Diazinon	5.5E+01	nc	7.9E+02	nc	3.3E+00	3.3E+01		
					Dibenzofuran	2.9E+02	nc	5.1E+03	nc	1.5E+01	2.4E+01		
					1,4-Dibromobenzene	6.1E+02	nc	8.8E+03	nc	3.7E+01	3.6E+02		
8.4E-02	i	8.4E-02	r	2.0E-02	r	1	124-48-1						
1.4E+00	h	5.7E-05	r	2.4E-03	h	5.7E-05	i	1	96-12-8	Dibromochloromethane	1.1E+00		
					1,2-Dibromo-3-chloropropane	4.5E-01	ca*	4.0E+00	ca**	2.1E-01	4.8E-02		
					"CAL-Modified PRG" (PEA, 1994)	6.0E-02	ca	9.6E-04	ca	4.7E-03	4.0E-01		
8.5E+01	i	5.7E-05	r	7.7E-01	i	5.7E-05	h	1	106-93-4	1,2-Dibromoethane	6.9E-03		
					Diethyl phthalate	6.1E+03	nc	8.8E+04	nc	3.7E+02	3.6E+03		
					Dicamba	3.0E-02	nc	2.6E+04	nc	1.1E+02	1.1E+03		
					1,2-Dichlorobenzene	3.7E+02	sat	3.7E+02	sat	2.1E+02	3.7E+02		
					1,3-Dichlorobenzene	1.3E+01	nc	5.2E+01	nc	3.3E+00	5.5E+00		
					1,4-Dichlorobenzene	3.4E+00	ca	8.1E+00	ca	3.1E-01	5.0E-01		
2.4E-02	h	3.0E-02	n	2.2E-02	n	2.3E-01	i	1	1918-00-9		2.0E+00		
											1.7E+01		
											9.0E-01		
4.5E-01	i	4.5E-01	r	0	0.1	91-94-1	3,3-Dichlorobenzidine	1.1E+00	ca	5.5E+00	1.5E-02		
											1.5E-01		
					4,4'-Dichlorobenzophenone	1.8E+03	nc	2.6E+04	nc	1.1E+02	1.1E+03		
9.3E+00	r	9.3E+00	h	1	1,4-Dichloro-2-butene	7.9E-03	ca	1.8E-02	ca	7.2E-04	1.2E-03		
					1,2-Dichlorodifluoromethane	9.4E+01	nc	3.1E+02	nc	2.1E+02	3.9E+02		
					1,1-Dichloroethane	5.9E+02	nc	2.1E+03	nc	5.2E+02	8.1E+02		
					"CAL-Modified PRG"	3.3E+00	ca	7.1E+00	ca	1.2E+00	2.0E+00		
											2.3E+01		
					1,2-Dichloroethane (EDC)	3.5E-01	ca*	7.6E-01	ca*	7.4E-02	1.2E-01		
9.0E-02	i	3.0E-02	n	9.1E-02	i	1.4E-03	n	1	107-06-2		2.0E-02		
6.0E-01	i	9.0E-03	i	1.8E-01	i	9.0E-03	r	1	75-35-4	1,1-Dichloroethylene	5.4E-02		
											6.0E-02		
					1,2-Dichloroethylene (cis)	4.3E+01	nc	1.5E+02	nc	3.7E+01	6.1E+01		
											4.0E-01		
					2,0E-02	h	2.0E-02	r	156-60-5	1,2-Dichloroethylene (trans)	6.3E+01		
											7.0E-01		
					3.0E-03	i	3.0E-03	r	120-83-2	2,4-Dichlorophenol	1.8E+02		
											1.0E+00		
					8.0E-03	i	8.0E-03	r	94-82-6	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	4.9E+02		
											5.0E-02		
					1.0E-02	i	1.0E-02	r	94-75-7	2,4-Dichlorophenoxyacetic Acid (2,4-D)	6.9E+02		
6.8E-02	h	1.1E-03	r	6.8E-02	r	1.1E-03	i	1	78-87-5	1,2-Dichloropropane	3.5E-01		
1.0E-01	i	3.0E-02	i	1.4E-02	i	5.7E-03	i	1	542-75-6	1,3-Dichloropropene	7.0E-01		
											4.0E-03		
					3.0E-03	i	3.0E-03	r	0	0.1	616-23-9		
					2,3-Dichloropropanol	1.8E+02	nc	2.6E+03	nc	1.1E+01	1.1E+02		
2.9E-01	i	5.0E-04	i	2.9E-01	r	1.4E-04	i	0	0.1	62-73-7	Dichlorvos	1.7E+00	
4.4E-01	x	4.4E-01	r	4.4E-01	r	0	0.1	115-32-2					
					Dicofol	1.1E+00	ca	5.6E+00	ca	1.5E-02	1.5E-01		
					3,0E-02	h	5.7E-05	h	1	77-73-6	Dicyclopentadiene	5.4E-01	
1.6E+01	i	5.0E-05	i	1.6E+01	i	5.0E-05	r	0	0.1	60-57-1	Dieldrin	3.0E-02	
											4.0E-03		
					5.7E-03	r	5.7E-03	h	0	0.1	112-34-5	Diethylene glycol, monobutyl ether	3.5E+02
					2.0E+00	h	2.0E+00	r	0	0.1	111-90-0	Diethylene glycol, monoethyl ether	1.0E+05
					1.1E-02	h	1.1E-02	r	0	0.1	617-84-5	Diethylformamide	6.7E+02
1.2E-03	i	6.0E-01	i	1.2E-03	r	6.0E-01	r	0	0.1	103-23-1	Di(2-ethylhexyl)adipate	4.1E+02	
					8.0E-01	i	8.0E-01	r	0	0.1	84-66-2	Diethyl phthalate	4.9E+04
4.7E+03	h	4.7E+03	r	4.7E+03	r	0	0.1	56-53-1					
					8.0E-02	i	8.0E-02	r	0	0.1	43222-48-6	Diethylstilbestrol	1.0E-04
					2.0E-02	i	2.0E-02	r	0	0.1	35367-38-5	Difenzoquat (Avenge)	1.2E+03
					1.1E+01	r	1.1E+01	i	1	75-37-6	Diflubenzuron	1.2E+03	
					2.0E-02	n	2.0E-02	r	0	0.1	28553-12-0	1,1-Difluoroethane	1.2E+03
					8.0E-02	i	8.0E-02	r	0	0.1	333-75-6	Diisobutyl phthalate	4.9E+03
					2.0E-02	i	2.0E-02	r	0	0.1	1445-75-6	Diisopropyl methylphosphonate	7.0E+04
					2.0E-02	i	2.0E-02	r	0	0.1	55290-64-7	Dimethipin	1.2E+03
					2.0E-04	i	2.0E-04	r	0	0.1	60-51-5	Dimethoate	1.2E+01
					1.4E-02	r	0	0.1	119-90-4	3,3'-Dimethoxybenzidine	3.5E+01		
					5.7E-06	r	x	1	124-40-3	Dimethylamine	6.7E-02		
					2.0E-03	i	0	0.1	121-69-7	N-N-Dimethylaniline	1.2E+02		
					7.5E-01	h	7.5E-01	r	0	0.1	95-68-1	2,4-Dimethylaniline	6.5E-01
					5.8E-01	h	5.8E-01	r	0	0.1	21436-96-4	2,4-Dimethylaniline hydrochloride	8.4E-01
					9.2E+00	r	9.2E+00	r	0	0.1	119-93-7	3,3'-Dimethylbenzidine	5.3E-02

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FOR PLANNING PURPOSES

TOXICITY INFORMATION					CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS	
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water	
										DAF 20 (mg/kg)	DAF 1 (mg/kg)
2.6E+00 x		3.5E+00 x		0 0.1	57-14-7	1,1-Dimethylhydrazine	1.9E-01 ca	9.5E-01 ca	1.9E-03 ca	2.6E-02 ca	
3.7E+01 x		3.7E+01 x		0 0.1	540-73-8	1,2-Dimethylhydrazine	1.3E-02 ca	6.7E-02 ca	1.8E-04 ca	1.8E-03 ca	
1.0E-01 h		8.6E-03 i	0 0.1	68-12-2	N,N-Dimethylformamide	6.1E+03 nc	8.8E+04 nc	3.1E+01 nc	3.6E+03 nc		
1.0E-03 n		1.0E-03 r	0 0.1	122-09-8	Dimethylphenethylamine	6.1E+01 nc	8.8E+02 nc	3.7E+00 nc	3.6E+01 nc		
2.0E-02 i		2.0E-02 r	0 0.1	105-67-9	2,4-Dimethylphenol	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc		
6.0E-04 i		6.0E-04 r	0 0.1	576-26-1	2,6-Dimethylphenol	3.7E+01 nc	5.3E+02 nc	2.2E+00 nc	2.2E+01 nc		
1.0E-03 i		1.0E-03 r	0 0.1	95-65-8	3,4-Dimethylphenol	6.1E+01 nc	8.8E+02 nc	3.7E+00 nc	3.6E+01 nc		
1.0E+01 x		1.0E+01 r	0 0.1	131-11-3	Dimethyl phthalate	1.0E+05 max	1.0E+05 max	3.7E+04 nc	3.6E+05 nc		
1.0E-01 i		1.0E-01 r	0 0.1	120-61-6	Dimethyl terephthalate	6.1E+03 nc	8.8E+04 nc	3.7E+02 nc	3.6E+03 nc		
2.0E-03 i		2.0E-03 r	0 0.1	131-89-5	4,6-Dinitro-o-cyclohexyl phenol	1.2E+02 nc	1.8E+03 nc	7.3E+00 nc	7.3E+01 nc		
4.0E-04 h		4.0E-04 r	0 0.1	528-29-0	1,2-Dinitrobenzene	2.4E+01 nc	3.5E+02 nc	1.5E+00 nc	1.5E+01 nc		
1.0E-04 i		1.0E-04 r	0 0.1	99-65-0	1,3-Dinitrobenzene	6.1E+00 nc	8.8E+01 nc	3.7E-01 nc	3.6E+00 nc		
4.0E-04 h		4.0E-04 r	0 0.1	100-25-4	1,4-Dinitrobenzene	2.4E+01 nc	3.5E+02 nc	1.5E+00 nc	1.5E+01 nc		
2.0E-03 i		2.0E-03 r	0 0.1	51-28-5	2,4-Dinitrophenol	1.2E+02 nc	1.8E+03 nc	7.3E+01 nc	7.3E+02 nc		
6.8E-01 i		6.8E-01 r	0 0.1	25321-14-6	Dinitrotoluene mixture	7.2E-01 ca	3.6E+00 ca	9.9E-03 ca	9.9E-02 ca	3.0E-01	1.0E-02
2.0E-03 i		2.0E-03 r	0 0.1	121-14-2	2,4-Dinitrotoluene (see Dinitrotoluene mixture)	1.2E+02 nc	1.8E+03 nc	7.3E+00 nc	7.3E+01 nc	8.0E-04	4.0E-05
1.0E-03 h		1.0E-03 r	0 0.1	606-20-2	2,6-Dinitrotoluene (see Dinitrotoluene mixture)	6.1E+01 nc	8.8E+02 nc	3.7E+00 nc	3.6E+01 nc	7.0E-04	3.0E-05
1.0E-03 i		1.0E-03 r	0 0.1	88-85-7	Dimosob	6.1E+01 nc	8.8E+02 nc	3.7E+00 nc	3.6E+01 nc		
2.0E-02 h		2.0E-02 r	0 0.1	117-84-0	Di-n-Octyl phthalate	1.2E+03 nc	1.0E+04 sat	7.3E+01 nc	7.3E+02 nc	1.0E+04	1.0E+04
1.1E-02 i		1.1E-02 r	0 0.1	123-91-1	1,4-Dioxane	4.4E+01 ca	2.2E+02 ca	6.1E-01 ca	6.1E+00 ca		
1.5E+05 h		1.5E+05 h	0 0.03	1746-01-6	Dioxin (2,3,7,8-TCDD)	3.9E-06 ca	2.7E-05 ca	4.5E-08 ca	4.5E-07 ca		
3.0E-02 i		3.0E-02 r	0 0.1	957-51-7	Diphenamid	1.8E+03 nc	2.6E+04 nc	1.1E+02 nc	1.1E+03 nc		
2.5E-02 i		2.5E-02 r	0 0.1	122-39-4	Diphenylamine	1.5E+03 nc	2.2E+04 nc	9.1E+01 nc	9.1E+02 nc		
3.0E-04 n		3.0E-04 r	0 0.1	74-31-7	N,N-Diphenyl-1,4 benzenediamine (DPPD)	1.8E+01 nc	2.6E+02 nc	1.1E+00 nc	1.1E+01 nc		
8.0E-01 i		7.7E-01 i	0 0.1	122-66-7	1,2-Diphenylhydrazine	6.1E-01 ca	3.1E+00 ca	8.7E-03 ca	8.4E-02 ca		
9.0E-03 n		9.0E-03 r	0 0.1	127-63-9	Diphenyl sulfone	5.5E+02 nc	7.9E+03 nc	3.3E+01 nc	3.3E+02 nc		
2.2E-03 i		2.2E-03 r	0 0.1	85-00-7	Diquat	1.3E+02 nc	1.9E+03 nc	8.0E+00 nc	8.0E+01 nc		
8.6E+00 h		8.6E+00 r	0 0.1	1937-37-7	Direct black 38	5.7E-02 ca	2.9E-01 ca	7.8E-04 ca	7.8E-03 ca		
8.1E+00 h		8.1E+00 r	0 0.1	2602-46-2	Direct blue 6	6.0E-02 ca	3.0E-01 ca	8.3E-04 ca	8.3E-03 ca		
9.3E+00 h		9.3E+00 r	0 0.1	16071-86-6	Direct brown 95	5.2E-02 ca	2.7E-01 ca	7.2E-04 ca	7.2E-03 ca		
4.0E-05 i		4.0E-05 r	0 0.1	298-04-4	Disulfoton	2.4E+00 nc	3.5E+01 nc	1.5E-01 nc	1.5E+00 nc		
1.0E-02 i		1.0E-02 r	0 0.1	505-29-3	1,4-Dithiane	6.1E+02 nc	8.8E+03 nc	3.7E+01 nc	3.6E+02 nc		
2.0E-03 i		2.0E-03 r	0 0.1	330-54-1	Diuron	1.2E+02 nc	1.8E+03 nc	7.3E+00 nc	7.3E+01 nc		
4.0E-03 i		4.0E-03 r	0 0.1	2439-10-3	Dodine	2.4E+02 nc	3.5E+03 nc	1.5E+01 nc	1.5E+02 nc		
2.0E-01 n				7429-91-6	Dysprosium	1.6E+04 nc	1.0E+05 max		7.3E+03 nc		
6.0E-03 i		6.0E-03 r	0 0.1	115-29-7	Endosulfan	3.7E+02 nc	5.3E+03 nc	2.2E+01 nc	2.2E+02 nc	1.8E+01	9.0E-01
2.0E-02 i		2.0E-02 r	0 0.1	145-73-3	Endothall	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc		
3.0E-04 i		3.0E-04 r	0 0.1	72-20-8	Endrin	1.8E+01 nc	2.6E+02 nc	1.1E+00 nc	1.1E+01 nc	1.0E+00	5.0E-02
9.9E-03 i		4.2E-03 h	2.9E-04 i	1 106-89-8	Epichlorohydrin	7.6E+00 nc	2.6E+01 nc	1.0E+00 nc	2.0E+00 nc		
5.7E-03 r		5.7E-03 i	0 0.1	106-88-7	1,2-Epoxybutane	3.5E+02 nc	5.0E+03 nc	2.1E+01 nc	2.1E+02 nc		
2.5E-02 i		2.5E-02 r	0 0.1	759-94-4	EPTC (S-Ethyl dipropylthiocarbamate)	1.5E+03 nc	2.2E+04 nc	9.1E+01 nc	9.1E+02 nc		
5.0E-03 i		5.0E-03 r	0 0.1	16672-87-0	Ethepron (2-chloroethyl phosphonic acid)	3.1E+02 nc	4.4E+03 nc	1.8E+01 nc	1.8E+02 nc		
5.0E-04 i		5.0E-04 r	0 0.1	563-12-2	Ethion	3.1E+01 nc	4.4E+02 nc	1.8E+00 nc	1.8E+01 nc		
4.0E-01 h		5.7E-02 i	0 0.1	110-80-5	2-Ethoxyethanol	2.4E+04 nc	1.0E+05 max	2.1E+02 nc	1.5E+04 nc		
3.0E-01 h		3.0E-01 r	0 0.1	111-15-9	2-Ethoxyethanol acetate	1.8E+04 nc	1.0E+05 max	1.1E+03 nc	1.1E+04 nc		
9.0E-01 i		9.0E-01 r	1	141-78-6	Ethyl acetate	1.9E+04 nc	3.7E+04 sat	3.3E+03 nc	5.5E+03 nc		
4.8E-02 h		4.8E-02 r	1	140-88-5	Ethyl acrylate	2.1E-01 ca	4.5E-01 ca	1.4E-01 ca	2.3E-01 ca		
1.0E-01 i		2.9E-01 i	1	100-41-4	Ethylbenzene	2.3E+02 sat	2.3E+02 sat	1.1E+03 nc	1.3E+03 nc	1.3E+01	7.0E-01
2.9E-03 n	4.0E-01 n	2.9E-03 r	1	75-00-3	Ethyl chloride	3.0E+00 ca	6.5E+00 ca	2.3E+00 ca	4.6E+00 ca		
3.0E-01 h		3.0E-01 r	0 0.1	109-78-4	Ethylene cyanohydrin	1.8E+04 nc	1.0E+05 max	1.1E+03 nc	1.1E+04 nc		
2.0E-02 h		2.0E-02 r	0 0.1	107-15-3	Ethylene diamine	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc		
2.0E+00 i		2.0E+00 r	0 0.1	107-21-1	Ethylene glycol	1.0E+05 max	1.0E+05 max	7.3E+03 nc	7.3E+04 nc		
5.0E-01 i		3.7E+00 i	0 0.1	111-76-2	Ethylene glycol, monobutyl ether	3.1E+04 nc	1.0E+05 max	1.4E+04 nc	1.8E+04 nc		
1.0E+00 h		3.5E-01 h	1	75-21-8	Ethylene oxide	1.4E-01 ca	3.6E-01 ca	1.9E-02 ca	2.4E-02 ca		

Key : i=IRIS h=HEAST n=NCEA x=WITHDRAWN o=Other EPA DOCUMENTS r=ROUTE EXTRAPOLATION ca=CANCER PRG nc=NONCANCER PRG sat=SOIL SATURATION max=CEILING LIMIT *(where: nc < 100X ca) **(where: nc < 10X ca)

FOR PLANNING PURPOSES

TOXICITY INFORMATION						CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS								
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils	CAS No.		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water								
											DAF 20 (mg/kg)	DAF 1 (mg/kg)							
1.1E-01	h	8.0E-05	i	1.1E-01	r	8.0E-05	r 0 0.1	96-45-7	Ethylene thiourea (ETU)	4.4E+00	ca**	2.2E+01	ca**	6.1E-02	ca**	6.1E-01	ca**		
		2.0E-01	i			2.0E-01	r 1	60-29-7	Ethyl ether	1.8E+03	sat	1.8E+03	sat	7.3E+02	nc	1.2E+03	nc		
		9.0E-02	h			9.0E-02	r 1	97-63-2	Ethyl methacrylate	1.4E+02	sat	1.4E+02	sat	3.3E+02	nc	5.5E+02	nc		
1.0E-05	i			1.0E-05	r 0 0.1	2104-64-5			Ethyl p-nitrophenyl phenylphosphorothioate	6.1E-01	nc	8.8E+00	nc	3.7E-02	nc	3.6E-01	nc		
3.0E+00	i			3.0E+00	r 0 0.1	84-72-0			Ethylphthalyl ethyl glycolate	1.0E+05	max	1.0E+05	max	1.1E+04	nc	1.1E+05	nc		
8.0E-03	i			8.0E-03	r 0 0.1	101200-48-0			Express	4.9E+02	nc	7.0E+03	nc	2.9E+01	nc	2.9E+02	nc		
2.5E-04	i			2.5E-04	r 0 0.1	22224-92-6			Fenamiphos	1.5E+01	nc	2.2E+02	nc	9.1E-01	nc	9.1E+00	nc		
1.3E-02	i			1.3E-02	r 0 0.1	2164-17-2			Fluometuron	7.9E+02	nc	1.1E+04	nc	4.7E+01	nc	4.7E+02	nc		
6.0E-02	i					0 0.1		16984-48-8	Flouride	3.7E+03	nc	5.3E+04	nc			2.2E+03	nc		
8.0E-02	i			8.0E-02	r 0 0.1	59756-60-4			Fluoridone	4.9E+03	nc	7.0E+04	nc	2.9E+02	nc	2.9E+03	nc		
2.0E-02	i			2.0E-02	r 0 0.1	56425-91-3			Flurprimidol	1.2E+03	nc	1.8E+04	nc	7.3E+01	nc	7.3E+02	nc		
6.0E-02	i			6.0E-02	r 0 0.1	66332-96-5			Flutolanil	3.7E+03	nc	5.3E+04	nc	2.2E+02	nc	2.2E+03	nc		
1.0E-02	i			1.0E-02	r 0 0.1	69409-94-5			Fluvalinate	6.1E+02	nc	8.8E+03	nc	3.7E+01	nc	3.6E+02	nc		
3.5E-03	i	1.0E-01	i	3.5E-03	r 1.0E-01	133-07-3			Folpet	1.4E+02	ca*	7.0E+02	ca	1.9E+00	ca	1.9E+01	ca		
1.9E-01	i			1.9E-01	r	0 0.1		72178-02-0	Fomesafen	2.6E+00	ca	1.3E+01	ca	3.5E-02	ca	3.5E-01	ca		
2.0E-03	i			2.0E-03	r 0 0.1	944-22-9			Fonofos	1.2E+02	nc	1.8E+03	nc	7.3E+00	nc	7.3E+01	nc		
1.5E-01	i	4.6E-02	i			0 0.1		50-00-0	Formaldehyde	9.2E+03	nc	1.0E+05	nc	1.5E-01	ca	5.5E+03	nc		
2.0E+00	h			2.0E+00	r 0 0.1	64-18-6			Formic Acid	1.0E+05	max	1.0E+05	max	7.3E+03	nc	7.3E+04	nc		
3.0E+00	i			3.0E+00	r 0 0.1	39148-24-8			Fosetyl-al	1.0E+05	max	1.0E+05	max	1.1E+04	nc	1.1E+05	nc		
3.0E+01	i			8.6E+00	h 1	76-13-1			Freon 113	5.6E+03	sat	5.6E+03	sat	3.1E+04	nc	5.9E+04	nc		
1.0E-03	i			1.0E-03	r 1	110-00-9			Furan	2.5E+00	nc	8.5E+00	nc	3.7E+00	nc	6.1E+00	nc		
3.8E+00	h			3.8E+00	r 0 0.1	67-45-8			Furazolidone	1.3E-01	nc	6.5E-01	nc	1.8E-03	nc	1.8E-02	ca		
3.0E-03	i			1.4E-02	h 0 0.1	98-01-1			Furfural	1.8E+02	nc	2.6E+03	nc	5.2E+01	nc	1.1E+02	nc		
5.0E+01	h			5.0E+01	r 0 0.1	531-82-8			Furium	9.7E-03	ca	4.9E-02	ca	1.3E-04	ca	1.3E-03	ca		
3.0E-02	i			3.0E-02	r 0 0.1	60568-05-0			Furmecyclox	1.6E+01	ca	8.2E+01	ca	2.2E-01	ca	2.2E+00	ca		
4.0E-04	i			4.0E-04	r 0 0.1	77182-82-2			Glufosinate-ammonium	2.4E+01	nc	3.5E+02	nc	1.5E+00	nc	1.5E+01	nc		
4.0E-04	i			2.9E-04	h 0 0.1	765-34-4			Glycidaldehyde	2.4E+01	nc	3.5E+02	nc	1.0E+00	nc	1.5E+01	nc		
1.0E-01	i			1.0E-01	r 0 0.1	1071-83-6			Glyphosate	6.1E+03	nc	8.8E+04	nc	3.7E+02	nc	3.6E+03	nc		
5.0E-05	i			5.0E-05	r 0 0.1	69806-40-2			Haloxyfop-methyl	3.1E+00	nc	4.4E+01	nc	1.8E-01	nc	1.8E+00	nc		
1.3E-02	i			1.3E-02	r 0 0.1	79277-27-3			Harmony	7.9E+02	nc	1.1E+04	nc	4.7E+02	nc				
4.5E+00	i	5.0E-04	i	4.6E+00	i	5.0E-04	r 0 0.1	76-44-8	Heptachlor	1.1E-01	ca	5.5E-01	ca	1.5E-03	ca	1.5E-02	ca	2.3E+01	1.0E+00
9.1E+00	i	1.3E-05	i	9.1E+00	i	1.3E-05	r 0 0.1	1024-57-3	Heptachlor epoxide	5.3E-02	ca*	2.7E-01	ca*	7.4E-04	ca*	7.4E-03	ca*	7.0E-01	3.0E-02
2.0E-03	i			2.0E-03	r 0 0.1	87-82-1			Hexabromobenzene	1.2E+02	nc	1.8E+03	nc	7.3E+00	nc	7.3E+01	nc		
1.6E+00	i	8.0E-04	i	1.6E+00	i	8.0E-04	r 0 0.1	118-74-1	Hexachlorobenzene	3.0E-01	ca	1.5E+00	ca	4.2E-03	ca	4.2E-02	ca	2.0E+00	1.0E-01
7.8E-02	n	3.0E-04	n	7.8E-02	i	3.0E-04	r 0 0.1	87-68-3	Hexachlorobutadiene	6.2E+00	ca*	3.2E+01	ca*	8.6E-02	ca*	8.6E-01	ca*	2.0E+00	1.0E-01
6.3E+00	i			6.3E+00	i		0 0.04	319-84-6	HCH (alpha)	9.0E-02	ca	5.9E-01	ca	1.1E-03	ca	1.1E-02	ca	5.0E-04	3.0E-05
1.8E+00	i			1.8E+00	i		0 0.04	319-85-7	HCH (beta)	3.2E-01	ca	2.1E+00	ca	3.7E-03	ca	3.7E-02	ca	3.0E-03	1.0E-04
1.3E+00	h	3.0E-04	i	1.3E+00	r	3.0E-04	r 0 0.04	58-89-9	HCH (gamma) Lindane	4.4E-01	ca*	2.9E+00	ca	5.2E-03	ca	5.2E-02	ca	9.0E-03	5.0E-04
1.8E+00	i			1.8E+00	i		0 0.04	608-73-1	HCH-technical	3.2E-01	ca	2.1E+00	ca	3.8E-03	ca	3.7E-02	ca	3.0E-03	1.0E-04
7.0E-03	i			2.0E-05	h 0 0.1	77-47-4			Hexachlorocyclopentadiene	4.2E+02	nc	5.9E+03	nc	7.3E-02	nc	2.6E+02	nc	4.0E+02	2.0E+01
6.2E+03	i			4.6E+03	i		0 0.1	19408-74-3	Hexachlorodibenzo-p-dioxin mixture (HxCDD)	7.8E-05	ca	4.0E-04	ca	1.5E-06	ca	1.1E-05	ca		
1.4E-02	i	1.0E-03	i	1.4E-02	i	1.0E-03	r 0 0.1	67-72-1	Hexachloroethane	3.5E+01	ca*	1.8E+02	ca*	4.8E-01	ca**			5.0E-01	2.0E-02
1.1E-01	i	3.0E-03	i	1.1E-01	r	3.0E-03	r 0 0.1	121-82-4	Hexachlorophene	1.8E+01	nc	2.6E+02	nc	1.1E+00	nc	1.1E+01	nc		
2.9E-06	r			2.9E-06	i	0 0.1	822-06-0	1,6-Hexamethylene diisocyanate	4.4E+00	ca*	2.2E+01	ca	6.1E-02	ca	6.1E-01	ca			
6.0E-02	h			5.7E-02	i	1		110-54-3	n-Hexane	1.7E-01	sat	1.1E+02	sat	2.1E+02	nc	3.5E+02	nc		
3.3E-02	i			3.3E-02	r 0 0.1	51235-04-2			Hexazinone	2.0E+03	nc	2.9E+04	nc	1.2E+02	nc	1.2E+03	nc		
5.0E-02	i			5.0E-02	r 0 0.1	2691-41-0			HMX	3.1E+03	nc	4.4E+04	nc	1.8E+02	nc	1.8E+03	nc		
3.0E+00	i			1.7E+01	i		0 0.1	302-01-2	Hydrazine, hydrazine sulfate	1.6E-01	ca	8.2E-01	ca	3.9E-04	ca	2.2E-02	ca		
3.0E+00	n			1.7E+01	n		0.1	60-34-4	Hydrazine, monomethyl	1.6E-01	ca	8.2E-01	ca	4.0E-04	ca	2.2E-02	ca		
3.0E+00	n			1.7E+01	n		0.1	57-14-7	Hydrazine, dimethyl	1.6E-01	ca	8.2E-01	ca	4.0E-04	ca	2.2E-02	ca		
				5.7E-03	i			7647-01-0	Hydrogen chloride					2.1E+01	nc				
3.0E-03	i			2.9E-04	i			7783-06-4	Hydrogen sulfide					1.0E+00	nc	1.1E+02	nc		
4.0E-02	h			4.0E-02	r 0 0.1	123-31-9			p-Hydroquinone	2.4E+03	nc	3.5E+04	nc	1.5E+02	nc	1.5E+03	nc		

Key : i=IRIS h=HEAST n=NCEA x=WITHDRAWN o=Other EPA DOCUMENTS r=ROUTE EXTRAPOLATION ca=CANCER PRG nc=NONCANCER PRG sat=SOIL SATURATION max=CEILING LIMIT *(where: nc < 100X ca) **(where: nc < 10X ca)

FOR PLANNING PURPOSES

TOXICITY INFORMATION					CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS		
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water		
										DAF 20 (mg/kg)	DAF 1 (mg/kg)	
1.3E-02	i	1.3E-02	r 0 0.1	35554-44-0	Imazalil	7.9E+02 nc	1.1E+04 nc	4.7E+01 nc	4.7E+02 nc			
2.5E-01	i	2.5E-01	r 0 0.1	81335-37-7	Imazaquin	1.5E+04 nc	1.0E+05 max	9.1E+02 nc	9.1E+03 nc			
4.0E-02	i	4.0E-02	r 0 0.1	36734-19-7	Iprodione	2.4E+03 nc	3.5E+04 nc	1.5E+02 nc	1.5E+03 nc			
3.0E-01	n	0		7439-89-6	Iron	2.3E+04 nc	1.0E+05 max		1.1E+04 nc			
3.0E-01	i	3.0E-01	r 1	78-83-1	Isobutanol	1.3E+04 nc	4.0E+04 sat	1.1E+03 nc	1.8E+03 nc			
9.5E-04	i	2.0E-01	i 9.5E-04	2.0E-01	Isophorone	5.1E+02 ca*	2.6E+03 ca*	7.1E+00 ca	7.1E+01 ca	5.0E-01	3.0E-02	
1.5E-02	i	1.5E-02	r 0 0.1	33820-53-0	Isopropalin	9.2E+02 nc	1.3E+04 nc	5.5E+01 nc	5.5E+02 nc			
1.0E-01	i	1.1E-01	r 0 0.1	1832-54-8	Isopropyl methyl phosphonic acid	6.1E+03 nc	8.8E+04 nc	4.0E+02 nc	3.6E+03 nc			
5.0E-02	i	5.0E-02	r 0 0.1	82558-50-7	Isoxaben	3.1E+03 nc	4.4E+04 nc	1.8E+02 nc	1.8E+03 nc			
1.8E+01	n	1.8E+01	r 0 0.1	143-50-0	Kepone	2.7E-02 ca	1.4E-01 ca	3.7E-04 ca	3.7E-03 ca			
2.0E-03	i	2.0E-03	r 0 0.1	77501-63-4	Lactofen	1.2E+02 nc	1.8E+03 nc	7.3E+00 nc	7.3E+01 nc			
				7439-92-1	Lead	4.0E+02 nc	7.5E+02 nc					
PRGs Based on EPA Models (IEUBK 1994 and TRW 1996)												
1.0E-07	i	0	0.1	78-00-2	Lead (tetraethyl)	6.1E-03 nc	8.8E-02 nc		3.6E-03 nc			
2.0E-03	i	2.0E-03	r 0 0.1	330-55-2	Linuron	1.2E+02 nc	1.8E+03 nc	7.3E+00 nc	7.3E+01 nc			
2.0E-02	x	0		7439-93-2	Lithium	1.6E+03 nc	4.1E+04 nc		7.3E+02 nc			
2.0E-01	i	2.0E-01	r 0 0.1	83055-99-6	Londax	1.2E+04 nc	1.0E+05 max	7.3E+02 nc	7.3E+03 nc			
2.0E-02	i	2.0E-02	r 0 0.1	121-75-5	Malathion	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc			
1.0E-01	i	1.0E-01	r 0 0.1	108-31-6	Maleic anhydride	6.1E+03 nc	8.8E+04 nc	3.7E+02 nc	3.6E+03 nc			
5.0E-01	i	5.0E-01	r 1	123-33-1	Maleic hydrazide	1.7E+03 nc	2.4E+03 sat	1.8E+03 nc	3.0E+03 nc			
2.0E-05	h	2.0E-05	r 0 0.1	109-77-3	Malononitrile	1.2E+00 nc	1.8E+01 nc	7.3E-02 nc	7.3E-01 nc			
3.0E-02	h	3.0E-02	r 0 0.1	8018-01-7	Mancozеб	1.8E+03 nc	2.6E+04 nc	1.1E+02 nc	1.1E+03 nc			
6.0E-02	o	5.0E-03	i 6.0E-02	r 0 0.1	12427-38-2	Maneb	8.1E+00 ca*	4.1E+01 ca	1.1E-01 ca	1.1E+00 ca		
2.4E-02	i	1.4E-05	i 0	7439-96-5	Manganese and compounds	1.8E+03 nc	3.2E+04 nc	5.1E-02 nc	8.8E+02 nc			
9.0E-05	h	9.0E-05	r 0 0.1	950-10-7	Mephosfolan	5.5E+00 nc	7.9E+01 nc	3.3E-01 nc	3.3E+00 nc			
3.0E-02	i	3.0E-02	r 0 0.1	24307-26-4	Mepiquat	1.8E+03 nc	2.6E+04 nc	1.1E+02 nc	1.1E+03 nc			
2.9E-02	n	1.0E-01	n 2.9E-02	r 1.0E-01	2-Mercaptobenzothiazole	1.7E+01 ca	8.5E+01 ca	2.3E-01 ca	2.3E+00 ca			
				0	Mercury and compounds	2.3E+01 nc	6.1E+02 nc		1.1E+01 nc			
3.0E-04	i			7487-94-7	Mercury (elemental)				3.1E-01 nc			
					Mercury (methyl)							
1.0E-04	i			0 0.1	22967-92-6	6.1E+00 nc	8.8E+01 nc		3.6E+00 nc			
3.0E-05	i			3.0E-05 0.1	Merphos	1.8E+00 nc	2.6E+01 nc	1.1E-01 nc	1.1E+00 nc			
				150-50-5								
3.0E-05	i	3.0E-05	r 0 0.1	78-48-8	Merphos oxide	1.8E+00 nc	2.6E+01 nc	1.1E-01 nc	1.1E+00 nc			
6.0E-02	i	6.0E-02	r 0 0.1	57837-19-1	Metalaxyl	3.7E+03 nc	5.3E+04 nc	2.2E+02 nc	2.2E+03 nc			
1.0E-04	i	2.0E-04	h 1	126-98-7	Methacrylonitrile	2.1E+00 nc	8.8E+00 nc	7.3E-01 nc	1.0E+00 nc			
5.0E-05	i	5.0E-05	r 0 0.1	10265-92-6	Methamidophos	3.1E+00 nc	4.4E+01 nc	1.8E-01 nc	1.8E+00 nc			
5.0E-01	i	5.0E-01	r 0 0.1	67-56-1	Methanol	3.1E+04 nc	1.0E+05 max	1.8E+03 nc	1.8E+04 nc			
1.0E-03	i	1.0E-03	r 0 0.1	950-37-8	Methidathion	6.1E+01 nc	8.8E+02 nc	3.7E+00 nc	3.6E+01 nc			
2.5E-02	i	2.5E-02	r 1	16752-77-5	Methomyl	4.4E+01 nc	1.5E+02 nc	9.1E+01 nc	1.5E+02 nc			
5.0E-03	i	5.0E-03	r 0 0.1	72-43-5	Methoxychlor	3.1E+02 nc	4.4E+03 nc	1.8E+01 nc	1.8E+02 nc	1.6E+02	8.0E+00	
1.0E-03	h	5.7E-03	i 0 0.1	109-86-4	2-Methoxyethanol	6.1E+01 nc	8.8E+02 nc	2.1E+01 nc	3.6E+01 nc			
2.0E-03	h	2.0E-03	r 0 0.1	110-49-6	2-Methoxyethanol acetate	1.2E+02 nc	1.8E+03 nc	7.3E+00 nc	7.3E+01 nc			
4.6E-02	h	4.6E-02	r 0 0.1	99-59-2	2-Methoxy-5-nitroaniline	1.1E+01 nc	5.4E+01 nc	1.5E+01 nc	1.5E+00 nc			
1.0E+00	h	1.0E+00	r 1	79-20-9	Methyl acetate	2.2E+04 nc	9.6E+04 nc	3.7E+03 nc	6.1E+03 nc			
3.0E-02	h	3.0E-02	r 1	96-33-3	Methyl acrylate	7.0E+01 nc	2.3E+02 nc	1.1E+02 nc	1.8E+02 nc			
2.4E-01	h	2.4E-01	r 0 0.1	95-53-4	2-Methylaniline (o-toluidine)	2.0E+00 ca	1.0E+01 ca	2.8E-02 ca	2.8E-01 ca			
1.8E-01	h	1.8E-01	r 0 0.1	636-21-5	2-Methylaniline hydrochloride	2.7E+00 ca	1.4E+01 ca	3.7E-02 ca	3.7E-01 ca			
1.0E+00	x	1.0E+00	r 0 0.1	79-22-1	Methyl chlorocarbonate	6.1E+04 nc	1.0E+05 max	3.7E+03 nc	3.6E+04 nc			
5.0E-04	i	5.0E-04	r 0 0.1	94-74-6	2-Methyl-4-chlorophenoxyacetic acid	3.1E+01 nc	4.4E+02 nc	1.8E+00 nc	1.8E+01 nc			
1.0E-02	i	1.0E-02	r 0 0.1	94-81-5	4-(2-Methyl-4-chlorophenoxy) butyric acid	6.1E+02 nc	8.8E+03 nc	3.7E+01 nc	3.6E+02 nc			
1.0E-03	i	1.0E-03	r 0 0.1	93-65-2	2-(2-Methyl-4-chlorophenoxy) propionic acid	6.1E+01 nc	8.8E+02 nc	3.7E+00 nc	3.6E+01 nc			
1.0E-03	i	1.0E-03	r 0 0.1	16484-77-8	2-(2-Methyl-4-chlorophenoxy) propionic acid	6.1E+01 nc	8.8E+02 nc	3.7E+00 nc	3.6E+01 nc			
8.6E-01	r	8.6E-01	h 1	108-87-2	Methylcyclohexane	2.6E+03 nc	8.8E+03 nc	3.1E+03 nc	5.2E+03 nc			
2.5E-01	h	2.5E-01	r 0 0.1	101-77-9	4,4'-Methylenebisbenzeneamine	1.9E+00 ca	9.9E+00 ca	2.7E-02 ca	2.7E-01 ca			
1.3E-01	h	7.0E-04	h 7.0E-04	r 0 0.1	101-14-4	3.7E+00 ca*	1.9E+01 ca*	5.2E-02 ca*	5.2E-01 ca*			
4.6E-02	i	4.6E-02	r 0 0.1	101-61-1	4,4'-Methylene bis(N,N-dimethyl)aniline	1.1E+01 nc	5.4E+01 nc	1.5E-01 nc	1.5E+00 nc			

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FOR PLANNING PURPOSES

TOXICITY INFORMATION					CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS	
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water	
										DAF 20 (mg/kg)	DAF 1 (mg/kg)
7.5E-03 i	1.0E-02 h	1.6E-03 i	8.6E-01 h	r 1	74-95-3	Methylene bromide	6.7E+01 nc	2.4E+02 nc	3.7E+01 nc	6.1E+01 nc	2.0E-02 1.0E-03
6.0E-02 i	1.7E-04 r	1.6E-03 i	1.7E-04 r	h 1 0 0.1	75-09-2 101-68-8	Methylene chloride	8.9E+00 ca	2.1E+01 ca	4.1E+00 ca	4.3E+00 ca	
1.7E-04 r						4,4'-Methylene diphenyl diisocyanate	1.0E+01 nc	1.5E+02 nc	6.2E-01 nc	6.2E+00 nc	
1.1E+00 h	6.0E-01 i	1.1E+00 r	2.9E-01 i	i 1 0 0.1	78-93-3 60-34-4	Methyl ethyl ketone	7.3E+03 nc	2.8E+04 nc	1.0E+03 nc	1.9E+03 nc	
8.0E-02 h	2.3E-02 r	2.3E-02 r	2.3E-02 r	h 1 0 0.1	108-10-1	Methyl hydrazine	4.4E-01 ca	2.2E+00 ca	6.1E-03 ca	6.1E-02 ca	
1.4E+00 i	5.7E-04 r	2.0E-01 i	5.7E-04 n	n 0 0.1	74-93-1 80-62-6	Methyl isobutyl ketone	7.9E+02 nc	2.9E+03 nc	8.3E+01 nc	1.6E+02 nc	
3.3E-02 h	3.3E-02 r	3.3E-02 r	3.3E-02 r	0 0.1	99-55-8	Methyl Mercaptan	3.5E+01 nc	5.0E+02 nc	2.1E+00 nc	2.1E+01 nc	
5.0E-02 i	2.5E-04 i	5.0E-02 i	2.5E-04 i	r 0 0.1	298-00-0	Methyl methacrylate	2.2E+03 nc	2.7E+03 sat	7.3E+02 nc	1.4E+03 nc	
5.0E-02 i	5.0E-02 i	5.0E-02 i	5.0E-02 i	r 0 0.1	95-48-7 108-39-4	2-Methyl-5-nitroaniline	1.5E+01 ca	7.5E+01 ca	2.0E-01 ca	2.0E+00 ca	
5.0E-03 h	5.0E-03 h	5.0E-03 h	5.0E-03 h	r 0 0.1	106-44-5	Methyl parathion	1.5E+01 nc	2.2E+02 nc	9.1E-01 nc	9.1E+00 nc	
2.0E-02 n	2.0E-02 r	2.0E-02 r	2.0E-02 r	r 0 0.1	993-13-5 25013-15-4	2-Methylphenol	3.1E+03 nc	4.4E+04 nc	1.8E+02 nc	1.8E+03 nc	1.5E+01 8.0E-01
6.0E-03 h	1.1E-02 h	1.1E-02 h	1.1E-02 h	h 1 0 0.1	25013-15-4	3-Methylphenol	3.1E+03 nc	4.4E+04 nc	1.8E+02 nc	1.8E+03 nc	
7.0E-02 h	7.0E-02 r	8.6E-01 i	7.0E-02 r	i 1 0 0.1	98-83-9 1634-04-4	4-Methylphenol	3.1E+02 nc	4.4E+03 nc	1.8E+01 nc	1.8E+02 nc	
1.8E-03	1.8E-03	1.8E-03	1.8E-03	1 0 0.1		Methyl phosphonic acid	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc	
2.0E-04 i	1.5E-01 i	2.5E-02 r	2.0E-04 r	r 0 0.1	51218-45-2 21087-64-9	Methyl styrene (mixture)	1.3E+02 nc	5.6E+02 nc	4.2E+01 nc	6.0E+01 nc	
1.5E-01 i	1.5E-01 r	1.5E-01 r	1.5E-01 r	r 0 0.1	51218-45-2	Methyl styrene (alpha)	6.8E+02 sat	6.8E+02 sat	2.6E+02 nc	4.3E+02 nc	
2.5E-02 i	2.5E-02 r	2.5E-02 r	2.5E-02 r	r 0 0.1	1634-04-4	Methyl tertbutyl ether (MTBE)	1.7E+01 ca	3.7E+01 ca	3.1E+03 nc	2.0E+01 nc/ca	
1.8E+00 x	2.0E-04 i	1.8E+00 r	2.0E-04 r	r 0 0.1	2385-85-5	"CAL-Modified PRG"	1.7E+01 ca	3.7E+01 ca	3.7E+00 ca	6.2E+00 ca	
2.0E-03 i	2.0E-03 i	2.0E-03 i	2.0E-03 i	r 0 0.1	2212-67-1	Métohalchlor (Dual)	9.2E+03 nc	1.0E+05 max	5.5E+02 nc	5.5E+03 nc	
2.5E-02 i	2.5E-02 r	2.5E-02 r	2.5E-02 r	r 0 0.1	21087-64-9	Metribuzin	1.5E+03 nc	2.2E+04 nc	9.1E+01 nc	9.1E+02 nc	
1.8E+00 x	1.8E+00 r	1.8E+00 r	1.8E+00 r	r 0 0.1	2385-85-5	Mirex	2.7E-01 ca*	1.4E+00 ca	3.7E-03 ca	3.7E-02 ca	
5.0E-03 h	5.0E-03 h	5.0E-03 h	5.0E-03 h	0 0 0.1	7439-98-7	Molinate	1.2E+02 nc	1.8E+03 nc	7.3E+00 nc	7.3E+01 nc	
1.0E-01 h	1.0E-01 h	1.0E-01 h	1.0E-01 h	h 0 0.1	10599-90-3	Molybdenum	3.9E+02 nc	1.0E+04 nc	1.8E+02 nc		
2.0E-03 i	2.0E-03 i	2.0E-03 i	2.0E-03 i	r 0 0.1	300-76-5	Monochloramine	6.1E+03 nc	8.8E+04 nc	3.7E+02 nc	3.6E+03 nc	
1.0E-01 i	1.0E-01 r	1.0E-01 r	1.0E-01 r	r 0 0.1	15299-99-7	Naled	1.2E+02 nc	1.8E+03 nc	7.3E+00 nc	7.3E+01 nc	
2.0E-02 i	2.0E-02 i	2.0E-02 i	2.0E-02 i	0 0 0	7440-02-0	Napropamide	6.1E+03 nc	8.8E+04 nc	3.7E+02 nc	3.6E+03 nc	1.3E+02 7.0E+00
8.4E-01 i	8.4E-01 i	8.4E-01 i	8.4E-01 i	0 0 0	12035-72-2	Nickel (soluble salts)	1.5E+02				
1.7E+00 i	1.7E+00 i	1.7E+00 i	1.7E+00 i	0 0 0		"CAL-Modified PRG" (PEA, 1994)	1.5E+02				
1.5E-03 x	1.5E-03 r	1.5E-03 r	1.5E-03 r	r 0 0.1	1929-82-4	Nickel refinery dust	8.0E-03 ca				
Tap Water PRG Based on Infant NOAEL (see IRIS)						Nickel subsulfide	1.1E+04 ca				
1.0E-01 x						Nitrapyrin	9.2E+01 nc	1.3E+03 nc	5.5E+00 nc	5.5E+01 nc	
						Nitrate	7.8E+03 nc	1.0E+05 max		1.0E+04 nc	
						Nitric Oxide				3.6E+03 nc	
Tap Water PRG Based on Infant NOAEL (see IRIS)						14797-65-0					
5.7E-05 r	5.7E-05 r	5.7E-05 r	5.7E-05 r	h 0 0.1	88-74-4	Nitrite	3.5E+00 nc	5.0E+01 nc	2.1E-01 nc	1.0E+03 nc	
5.0E-04 i	5.0E-04 i	5.0E-04 i	5.0E-04 i	h 1 0 0.1	98-95-3	2-Nitroaniline	2.0E+01 nc	1.1E+02 nc	2.1E+00 nc	3.4E+00 nc	1.0E-01 7.0E-03
1.5E+00 h	9.4E+00 h	9.4E+00 h	7.0E-02 r	r 0 0.1	67-20-9	Nitrobenzene	4.3E+03 nc	6.2E+04 nc	2.6E+02 nc	2.6E+03 nc	
1.4E-02 n	1.4E-02 r	1.4E-02 r	1.4E-02 r	0 0 0.1	59-87-0	Nitrofurantoin	3.2E-01 ca	1.6E+00 ca	7.2E-04 ca	4.5E-02 ca	
						Nitrofurazone	3.5E+01 ca	1.8E+02 ca	4.8E-01 ca	4.8E+00 ca	
1.0E-01 i	1.0E-01 r	1.0E-01 r	1.0E-01 r	r 0 0.1	556-88-7	Nitroglycerin	6.1E+03 nc	8.8E+04 nc	3.7E+02 nc	3.6E+03 nc	
8.0E-03 n	8.0E-03 r	8.0E-03 r	8.0E-03 r	r 0 0.1	100-02-7	Nitroguanidine	4.9E+02 nc	7.0E+03 nc	2.9E+01 nc	2.9E+02 nc	
9.4E+00 r	9.4E+00 r	9.4E+00 r	5.7E-03 r	h 1 0 0.1	79-46-9	4-Nitrophenol			7.2E-04 ca	1.2E-03 ca	
5.7E-03 r	5.7E-03 r	5.7E-03 r	5.7E-03 r	h 1 0 0.1		2-Nitropropane					
5.4E+00 i	5.6E+00 i	5.6E+00 i	5.6E+00 i	1 0 0.1	924-16-3	N-Nitrosodi-n-butylamine	2.4E-02 ca	6.1E-02 ca	1.2E-03 ca	2.0E-03 ca	
2.8E+00 i	2.8E+00 r	2.8E+00 r	2.8E+00 r	0 0.1	1116-54-7	N-Nitrosodiethanamine	1.7E-01 ca	8.8E-01 ca	2.4E-03 ca	2.4E-02 ca	
1.5E+02 i	1.5E+02 i	1.5E+02 i	1.5E+02 i	0 0.1	55-18-5	N-Nitrosodiethylamine	3.2E-03 ca	1.6E-02 ca	4.5E-05 ca	4.5E-04 ca	
5.1E+01 i	4.9E+01 i	4.9E+01 i	4.9E+01 i	0 0.1	62-75-9	N-Nitrosodimethylamine	9.5E-03 ca	4.8E-02 ca	1.4E-04 ca	1.3E-03 ca	
4.9E-03 i	4.9E-03 r	4.9E-03 r	4.9E-03 r	0 0.1	86-30-6	N-Nitrosodiphenylamine	9.9E+01 ca	5.0E+02 ca	1.4E+00 ca	1.4E+01 ca	1.0E+00 6.0E-02
7.0E+00 i	7.0E+00 r	7.0E+00 r	7.0E+00 r	0 0.1	621-64-7	N-Nitroso di-n-propylamine	6.9E-02 ca	3.5E-01 ca	9.6E-04 ca	9.6E-03 ca	5.0E-05 2.0E-06
2.2E+01 i	2.2E+01 r	2.2E+01 r	1.0E-02 r	r 1 0 0.1	10595-95-6	N-Nitroso-N-methylethylamine	2.2E-02 ca	1.1E-01 ca	3.1E-04 ca	3.1E-03 ca	
2.1E+00 i	2.1E+00 i	2.1E+00 i	2.1E+00 i	0 0.1	930-55-2	N-Nitrosopyrrolidine	2.3E-01 ca	1.2E+00 ca	3.1E-03 ca	3.2E-02 ca	
1.0E-02 h	1.0E-02 r	1.0E-02 r	1.0E-02 r	r 1 0 0.1	99-08-1	m-Nitrotoluene	3.7E+02 nc	1.0E+03 sat	3.7E+01 nc	6.1E+01 nc	
1.0E-02 h	1.0E-02 r	1.0E-02 r	1.0E-02 r	r 1 0 0.1	88-72-2	O-Nitrotoluene	3.7E+02 nc	1.0E+03 sat	3.7E+01 nc	6.1E+01 nc	
1.0E-02 h	1.0E-02 r	1.0E-02 r	1.0E-02 r	r 1 0 0.1	99-99-0	p-Nitrotoluene	3.7E+02 nc	1.0E+03 sat	3.7E+01 nc	6.1E+01 nc	
4.0E-02 i	4.0E-02 r	4.0E-02 r	4.0E-02 r	r 0 0.1	27314-13-2	Norfuralazon	2.4E+03 nc	3.5E+04 nc	1.5E+02 nc	1.5E+03 nc	

Key : i=IRIS h=HEAST n=NCEA x=WITHDRAWN o=Other EPA DOCUMENTS r=ROUTE EXTRAPOLATION ca=CANCER PRG nc=NONCANCER PRG sat=SOIL SATURATION max=CEILING LIMIT *(where: nc < 100X ca) **(where: nc < 10X ca)

FOR PLANNING PURPOSES

TOXICITY INFORMATION					CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS			
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water	DAF 20 (mg/kg)		
7.0E-04	i	7.0E-04	r 0 0.1	85509-19-9	NuStar	4.3E+01	nc	6.2E+02	nc	2.6E+00	2.6E+01	nc	
3.0E-03	i	3.0E-03	r 0 0.1	32536-52-0	Octabromodiphenyl ether	1.8E+02	nc	2.6E+03	nc	1.1E+01	1.1E+02	nc	
2.0E-03	h	2.0E-03	r 0 0.1	152-16-9	Octamethylpyrophosphoramide	1.2E+02	nc	1.8E+03	nc	7.3E+00	7.3E+01	nc	
5.0E-02	i	5.0E-02	r 0 0.1	19044-88-3	Oryzalin	3.1E+03	nc	4.4E+04	nc	1.8E+02	1.8E+03	nc	
5.0E-03	i	5.0E-03	r 0 0.1	19666-30-9	Oxadiazon	3.1E+02	nc	4.4E+03	nc	1.8E+01	1.8E+02	nc	
2.5E-02	i	2.5E-02	r 0 0.1	23135-22-0	Oxamyl	1.5E+03	nc	2.2E+04	nc	9.1E+01	9.1E+02	nc	
3.0E-03	i	3.0E-03	r 0 0.1	42874-03-3	Oxyfluorfen	1.8E+02	nc	2.6E+03	nc	1.1E+01	1.1E+02	nc	
1.3E-02	i	1.3E-02	r 0 0.1	76738-62-0	Paclobutrazol	7.9E+02	nc	1.1E+04	nc	4.7E+01	4.7E+02	nc	
4.5E-03	i	4.5E-03	r 0 0.1	4685-14-7	Paraquat	2.7E+02	nc	4.0E+03	nc	1.6E+01	1.6E+02	nc	
6.0E-03	h	6.0E-03	r 0 0.1	56-38-2	Parathion	3.7E+02	nc	5.3E+03	nc	2.2E+01	2.2E+02	nc	
5.0E-02	h	5.0E-02	r 0 0.1	1114-71-2	Pebulate	3.1E+03	nc	4.4E+04	nc	1.8E+02	1.8E+03	nc	
4.0E-02	i	4.0E-02	r 0 0.1	40487-42-1	Pendimethalin	2.4E+03	nc	3.5E+04	nc	1.5E+02	1.5E+03	nc	
2.3E-02	h	2.3E-02	r 0 0.1	87-84-3	Pentabromo-6-chloro cyclohexane	2.1E+01	ca	1.1E+02	ca	2.9E+01	2.9E+00	ca	
2.0E-03	i	2.0E-03	r 0 0.1	32534-81-9	Pentabromodiphenyl ether	1.2E+02	nc	1.8E+03	nc	7.3E+00	7.3E+01	nc	
8.0E-04	i	8.0E-04	r 0 0.1	608-93-5	Pentachlorobenzene	4.9E+01	nc	7.0E+02	nc	2.9E+00	2.9E+01	nc	
2.6E-01	h	3.0E-03	i 2.6E-01	r 3.0E-03	r 0 0.1	82-68-8	Pentachloronitrobenzene	1.9E+00	ca*	9.5E+00	ca	2.6E-02	ca
1.2E-01	i	3.0E-02	i 1.2E-01	r 3.0E-02	r 0 0.25	87-86-5	Pentachlorophenol	3.0E+00	ca	1.1E+01	ca	5.6E-02	ca
5.0E-04	x			0	7601-90-3	Perchlorate	3.9E+01	nc	1.0E+03	nc	1.8E+01	nc	
5.0E-02	i	5.0E-02	r 0 0.1	52645-53-1	Permethrin	3.1E+03	nc	4.4E+04	nc	1.8E+02	1.8E+03	nc	
2.5E-01	i	2.5E-01	r 0 0.1	13684-63-4	Phenmedipham	1.5E+04	nc	1.0E+05	max	9.1E+02	9.1E+03	nc	
6.0E-01	i	6.0E-01	r 0 0.1	108-95-2	Phenol	3.7E+04	nc	1.0E+05	max	2.2E+03	2.2E+04	nc	
2.0E-03	n	2.0E-03	r 0 0.1	92-84-2	Phenothiazine	1.2E+02	nc	1.8E+03	nc	7.3E+00	7.3E+01	nc	
6.0E-03	i	6.0E-03	r 0 0.1	108-45-2	m-Phenylenediamine	3.7E+02	nc	5.3E+03	nc	2.2E+01	2.2E+02	nc	
1.9E-01	h	1.9E-01	r 0 0.1	106-50-3	p-Phenylenediamine	1.2E+04	nc	1.0E+05	max	6.9E+02	6.9E+03	nc	
8.0E-05	i	8.0E-05	r 0 0.1	62-38-4	Phenylmercuric acetate	4.9E+00	nc	7.0E+01	nc	2.9E+01	2.9E+00	nc	
1.9E-03	h	1.9E-03	r 0 0.1	90-43-7	2-Phenylphenol	2.5E+02	ca	1.3E+03	ca	3.5E+00	3.5E+01	ca	
2.0E-04	h	2.0E-04	r 0 0.1	298-02-2	Phorate	1.2E+01	nc	1.8E+02	nc	7.3E+01	7.3E+00	nc	
2.0E-02	i	2.0E-02	r 0 0.1	732-11-6	Phosmet	1.2E+03	nc	1.8E+04	nc	7.3E+01	7.3E+02	nc	
3.0E-04	h	8.6E-05	i 0 0.1	7803-51-2	Phosphine	1.8E+01	nc	2.6E+02	nc	3.1E-01	1.1E+01	nc	
		2.9E-03	i	7664-38-2	Phosphoric acid					1.0E+01	nc		
2.0E-05	i	0		7723-14-0	Phosphorus (white)	1.6E+00	nc	4.1E+01	nc	7.3E+01	nc		
1.0E+00	h	1.0E+00	r 0 0.1	100-21-0	p-Phthalic acid	6.1E+04	nc	1.0E+05	max	3.7E+03	3.6E+04	nc	
2.0E+00	i	3.4E-02	h 0 0.1	85-44-9	Phthalic anhydride	1.0E+05	max	1.0E+05	max	1.2E+02	7.3E+04	nc	
7.0E-02	i	7.0E-02	r 0 0.1	1918-02-1	Picloram	4.3E+03	nc	6.2E+04	nc	2.6E+02	2.6E+03	nc	
1.0E-02	i	1.0E-02	r 0 0.1	23505-41-1	Pirimiphos-methyl	6.1E+02	nc	8.8E+03	nc	3.7E+01	3.6E+02	nc	
8.9E+00	h	7.0E-06	h 8.9E+00	r 7.0E-06	r 0 0.1	5.5E-02	ca**	2.8E-01	ca*	7.6E-04	7.6E-03	ca*	
2.0E+00	i	2.0E+00	i 0 0.14	1336-36-3	Polychlorinated biphenyls (PCBs)	2.2E-01	ca	1.0E+00	ca	3.4E-03	3.4E-02	ca	
7.0E-02	i	7.0E-05	i 7.0E-02	r 0 0.14	Aroclor 1016	3.9E+00	nc	2.9E+01	ca**	9.6E-02	9.6E-01	ca**	
2.0E+00	i	2.0E+00	i 0 0.14	11104-28-2	Aroclor 1221	2.2E-01	ca	1.0E+00	ca	3.4E-03	3.4E-02	ca	
2.0E+00	i	2.0E+00	i 0 0.14	53469-21-9	Aroclor 1232	2.2E-01	ca	1.0E+00	ca	3.4E-03	3.4E-02	ca	
2.0E+00	i	2.0E+00	i 0 0.14	12672-29-6	Aroclor 1242	2.2E-01	ca	1.0E+00	ca	3.4E-03	3.4E-02	ca	
2.0E+00	i	2.0E+00	i 2.0E-05	r 0 0.14	Aroclor 1248	2.2E-01	ca	1.0E+00	ca	3.4E-03	3.4E-02	ca	
2.0E+00	i	2.0E+00	i 2.0E+00	i 0 0.14	Aroclor 1254	2.2E-01	ca**	1.0E+00	ca*	3.4E-03	3.4E-02	ca*	
2.0E+00	i	2.0E+00	i 2.0E+00	i 0 0.14	Aroclor 1260	2.2E-01	ca	1.0E+00	ca	3.4E-03	3.4E-02	ca	
				0.13	Polynuclear aromatic hydrocarbons (PAHs)								
6.0E-02	i	6.0E-02	r 1	83-32-9	Acenaphthene	3.7E+03	nc	3.8E+04	nc	2.2E+02	3.7E+02	nc	
3.0E-01	i	3.0E-01	r 1	120-12-7	Anthracene	2.2E+04	nc	1.0E+05	max	1.1E+03	1.8E+03	nc	
7.3E-01	n	3.1E-01	n 0 0.13	56-55-3	Benz[a]anthracene	6.2E-01	ca	2.9E+00	ca	2.2E-02	9.2E-02	ca	
7.3E-01	n	3.1E-01	n 0 0.13	205-99-2	Benz[b]fluoranthene	6.2E-01	ca	2.9E+00	ca	2.2E-02	9.2E-02	ca	
7.3E-02	n	3.1E-02	n 0 0.13	207-08-9	Benz[k]fluoranthene	6.2E+00	ca	2.9E+01	ca	2.2E-01	9.2E-01	ca	
					"CAL-Modified PRG" (PEA, 1994)	6.1E-01							
7.3E+00	i	3.1E+00	n 0 0.13	50-32-8	Benz[a]pyrene	6.2E-02	ca	2.9E-01	ca	2.2E-03	9.2E-03	ca	
					"CAL-Modified PRG" (PEA, 1994)	6.2E+01	ca	2.9E+02	ca	2.2E+00	9.2E+00	ca	
7.3E-03	n	3.1E-03	n 0 0.13	218-01-9	Chrysene	6.2E+01	ca	2.9E+02	ca	2.2E+00	9.2E+00	ca	

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FOR PLANNING PURPOSES

TOXICITY INFORMATION					CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS	
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water DAF 20 (mg/kg)	DAF 1 (mg/kg)
7.3E+00 n		3.1E+00 n	0 0.13	53-70-3	"CAL-Modified PRG" (PEA, 1994)	6.1E+00				2.0E+00	8.0E-02
4.0E-02 i		4.0E-02	r 0 0.13	206-44-0	Dibenz[ah]anthracene	6.2E-02 ca	2.9E-01 ca	2.2E-03 ca	9.2E-03 ca	4.3E+03	2.1E+02
					Fluoranthene	2.3E+03 nc	3.0E+04 nc	1.5E+02 nc	1.5E+03 nc		
7.3E-01 n		3.1E-01 n	0 0.13	193-39-5	Fluorene	2.6E+03 nc	3.3E+04 nc	1.5E+02 nc	2.4E+02 nc	5.6E+02	2.8E+01
2.0E-02 i		8.6E-04	i 1	91-20-3	Indeno[1,2,3-cd]pyrene	6.2E-01 ca	2.9E+00 ca	2.2E-02 ca	9.2E-02 ca	1.4E+01	7.0E-01
					Naphthalene	5.6E+01 nc	1.9E+02 nc	3.1E+00 nc	6.2E+00 nc	8.4E+01	4.0E+00
3.0E-02 i		3.0E-02	r 1	129-00-0	Pyrene	2.3E+03 nc	5.4E+04 nc	1.1E+02 nc	1.8E+02 nc		
1.5E-01 i	9.0E-03	1.5E-01	r 0 0.1	67747-09-5	Prochloraz	3.2E+00 ca	1.6E+01 ca	4.5E-02 ca	4.5E-01 ca	4.2E+03	2.1E+02
6.0E-03 h		6.0E-03	r 0 0.1	26399-36-0	Profluralin	3.7E+02 nc	5.3E+03 nc	2.2E+01 nc	2.2E+02 nc		
1.5E-02 i		1.5E-02	r 0 0.1	1610-18-0	Prometon	9.2E+02 nc	1.3E+04 nc	5.5E+01 nc	5.5E+02 nc		
4.0E-03 i		4.0E-03	r 0 0.1	7287-19-6	Prometryn	2.4E+02 nc	3.5E+03 nc	1.5E+01 nc	1.5E+02 nc		
7.5E-02 i		7.5E-02	r 0 0.1	23950-58-5	Pronamide	4.6E+03 nc	6.6E+04 nc	2.7E+02 nc	2.7E+03 nc		
1.3E-02 i		1.3E-02	r 0 0.1	1918-16-7	Propachlor	7.9E+02 nc	1.1E+04 nc	4.7E+01 nc	4.7E+02 nc		
5.0E-03 i		5.0E-03	r 0 0.1	709-98-8	Propanil	3.1E+02 nc	4.4E+03 nc	1.8E+01 nc	1.8E+02 nc		
2.0E-02 i		2.0E-02	r 0 0.1	2312-35-8	Propargite	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc		
2.0E-03 i		2.0E-03	r 0 0.1	107-19-7	Propargyl alcohol	1.2E+02 nc	1.8E+03 nc	7.3E+00 nc	7.3E+01 nc		
2.0E-02 i		2.0E-02	r 0 0.1	139-40-2	Propazine	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc		
2.0E-02 i		2.0E-02	r 0 0.1	122-42-9	Propham	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc		
1.3E-02 i		1.3E-02	r 0 0.1	60207-90-1	Propiconazole	7.9E+02 nc	1.1E+04 nc	4.7E+01 nc	4.7E+02 nc		
1.0E-01 i		1.1E-01	i 1	98-82-8	Isopropylbenzene (Cumene)	1.6E+02 nc	5.2E+02 nc	4.0E+02 nc	6.6E+02 nc		
1.0E-02 n		1.0E-02	r 1	103-65-1	n-Propylbenzene	1.4E+02 nc	2.4E+02 sat	3.7E+01 nc	6.1E+01 nc		
2.0E+01 h		2.0E+01	r 0 0.1	57-55-6	Propylene glycol	1.0E+05 max	1.0E+05 max	7.3E+04 nc	7.3E+05 nc		
7.0E-01 h		7.0E-01	r 0 0.1	111-35-3	Propylene glycol, monoethyl ether	4.3E+04 nc	1.0E+05 max	2.6E+03 nc	2.6E+04 nc		
7.0E-01 h		5.7E-01	i 0 0.1	107-98-2	Propylene glycol, monomethyl ether	4.3E+04 nc	1.0E+05 max	2.1E+03 nc	2.6E+04 nc		
2.4E-01 i	8.6E-03	1.3E-02	i 1	75-56-9	Propylene oxide	1.9E+00 ca*	9.1E+00 ca*	5.2E-01 ca*	2.2E-01 ca		
2.5E-01 i		2.5E-01	r 0 0.1	81335-77-5	Pursuit	1.5E+04 nc	1.0E+05 max	9.1E+02 nc	9.1E+03 nc		
2.5E-02 i		2.5E-02	r 0 0.1	51630-58-1	Pydrin	1.5E+03 nc	2.2E+04 nc	9.1E+01 nc	9.1E+02 nc		
1.0E-03 i		1.0E-03	r 0 0.1	110-86-1	Pyridine	6.1E+01 nc	8.8E+02 nc	3.7E+00 nc	3.6E+01 nc		
5.0E-04 i		5.0E-04	r 0 0.1	13593-03-8	Quinalphos	3.1E+01 nc	4.4E+02 nc	1.8E+00 nc	1.8E+01 nc		
1.2E+01 h		1.2E+01	r 0 0.1	91-22-5	Quinoline	4.1E-02 ca	2.1E-01 ca	5.6E-03 ca			
1.1E-01 i	3.0E-03	1.1E-01	r 3.0E-03	r 0 0.1	RDX (Cyclonite)	4.4E+00 ca*	2.2E+01 ca	6.1E-02 ca	6.1E-01 ca		
3.0E-02 i		3.0E-02	r 0 0.1	10453-86-8	Resmethrin	1.8E+03 nc	2.6E+04 nc	1.1E+02 nc	1.1E+03 nc		
5.0E-02 h		5.0E-02	r 0 0.1	299-84-3	Ronnel	3.1E+03 nc	4.4E+04 nc	1.8E+02 nc	1.8E+03 nc		
4.0E-03 i		4.0E-03	r 0 0.1	83-79-4	Rotenone	2.4E+02 nc	3.5E+03 nc	1.5E+01 nc	1.5E+02 nc		
2.5E-02 i		2.5E-02	r 0 0.1	78587-05-0	Savay	1.5E+03 nc	2.2E+04 nc	9.1E+01 nc	9.1E+02 nc		
5.0E-03 i			0 0.1	7783-00-8	Selenious Acid	3.1E+02 nc	4.4E+03 nc		1.8E+02 nc		
5.0E-03 i			0	7782-49-2	Selenium	3.9E+02 nc	1.0E+04 nc		1.8E+02 nc		
5.0E-03 h			0 0.1	630-10-4	Selenourea	3.1E+02 nc	4.4E+03 nc		1.8E+02 nc		
9.0E-02 i		9.0E-02	r 0 0.1	74051-80-2	Sethoxydim	5.5E+03 nc	7.9E+04 nc	3.3E+02 nc	3.3E+03 nc		
5.0E-03 i			0	7440-22-4	Silver and compounds	3.9E+02 nc	1.0E+04 nc		1.8E+02 nc		
1.2E-01 h	5.0E-03	1.2E-01	r 2.0E-03	r 0 0.1	Simazine	4.1E+00 ca*	2.1E+01 ca	5.6E-02 ca	5.6E-01 ca	3.4E+01	2.0E+00
4.0E-03 i			122-34-9	26628-22-8	Sodium azide						
2.7E-01 h	3.0E-02	2.7E-01	r 3.0E-02	r 0 0.1	Sodium diethylthiocarbamate	1.8E+00 ca	9.1E+00 ca	2.5E-02 ca	2.5E-01 ca		
2.0E-05 i		2.0E-05	r 0 0.1	62-74-8	Sodium fluoroacetate	1.2E+00 nc	1.8E+01 nc	7.3E-02 nc	7.3E-01 nc		
1.0E-03 h		1.0E-03	r 0 0.1	13718-26-8	Sodium metavanadate	6.1E+01 nc	8.8E+02 nc	3.7E+00 nc	3.6E+01 nc		
6.0E-01 i			0	7440-24-6	Strontium, stable	4.7E+04 nc	1.0E+05 max		2.2E+04 nc		
3.0E-04 i		3.0E-04	r 0 0.1	57-24-9	Strychnine	1.8E+01 nc	2.6E+02 nc	1.1E+00 nc	1.1E+01 nc		
2.0E-01 i		2.9E-01	i 1	100-42-5	Styrene	1.7E+03 sat	1.7E+03 sat	1.1E+03 nc	1.6E+03 nc	4.0E+00	2.0E-01
1.0E-03 n			0	80-07-9	1,1'-Sulfonylbis (4-chlorobenzene)	7.8E+01 nc	2.0E+03 nc	3.7E+00 nc	3.6E+01 nc		
2.5E-02 i		2.5E-02	r 0 0.1	88671-89-0	Systhane	1.5E+03 nc	2.2E+04 nc	9.1E+01 nc	9.1E+02 nc		
1.5E+05 h		1.5E+05	h 0 0.03	1746-01-6	2,3,7,8-TCDD (dioxin)	3.9E-06 ca	2.7E-05 ca	4.5E-08 ca	4.5E-07 ca		
7.0E-02 i		7.0E-02	r 0 0.1	34014-18-1	Tebuthiuron	4.3E+03 nc	6.2E+04 nc	2.6E+02 nc	2.6E+03 nc		
2.0E-02 h		2.0E-02	r 0 0.1	3383-96-8	Temephos	1.2E+03 nc	1.8E+04 nc	7.3E+01 nc	7.3E+02 nc		
1.3E-02 i		1.3E-02	r 0 0.1	5902-51-2	Terbacil	7.9E+02 nc	1.1E+04 nc	4.7E+01 nc	4.7E+02 nc		

Key : i=IRIS h=HEAST n=NCEA x=WITHDRAWN o=Other EPA DOCUMENTS r=ROUTE EXTRAPOLATION ca=CANCER PRG nc=NONCANCER PRG sat=SOIL SATURATION max=CEILING LIMIT *(where: nc < 100X ca) **(where: nc < 10X ca)

FOR PLANNING PURPOSES

TOXICITY INFORMATION					CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)				SOIL SCREENING LEVELS		
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)	V skin O abs. C soils		Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water DAF 20 (mg/kg)	DAF 1 (mg/kg)	
					Terbufos	1.5E+00	nc	2.2E+01	nc	9.1E-02	nc	
					Terbutryn	6.1E+01	nc	8.8E+02	nc	3.7E+00	nc	
					1,2,4,5-Tetrachlorobenzene	1.8E+01	nc	2.6E+02	nc	3.6E+01	nc	
								1.1E+00	nc	1.1E+01	nc	
2.5E-05	h	2.5E-05	r 0 0.1	13071-79-9								
1.0E-03	i	1.0E-03	r 0 0.1	886-50-0								
3.0E-04	i	3.0E-04	r 0 0.1	95-94-3								
2.6E-02	i	3.0E-02	i 2.6E-02	630-20-6	1,1,1,2-Tetrachloroethane	3.0E+00	ca	7.0E+00	ca	2.6E-01	ca	
2.0E-01	i	6.0E-02	n 2.0E-01	i 6.0E-02	1,1,2,2-Tetrachloroethane	3.8E-01	ca	9.0E-01	ca	3.3E-02	ca	
5.2E-02	n	1.0E-02	i 2.0E-03	n 1.1E-01	Tetrachloroethylene (PCE)	5.7E+00	ca*	1.9E+01	ca*	5.5E-02	ca	
					"CAL-Modified PRG" (PEA, 1994)					3.0E-03	2.0E-04	
					2,3,4,6-Tetrachlorophenol	1.8E+03	nc	2.6E+04	nc	1.1E+02	nc	
2.0E+01	h	3.0E-02	2.0E+01	r 0 0.1	p,a,a,Tetrachlorotoluene	2.4E-02	ca	1.2E-01	ca	3.4E-04	ca	
2.4E-02	h	3.0E-02	i 2.4E-02	r 3.0E-02	Tetrachlorovinphos	2.0E+01	ca*	1.0E+02	ca	2.8E-01	ca	
					Tetraethylidithiopyrophosphate	3.1E+01	nc	4.4E+02	nc	1.8E+00	nc	
7.6E-03	n	2.1E-01	n 6.8E-03	n 8.6E-02	Tetrahydrofuran	6.4E+01	ca	3.2E+02	ca	9.9E-01	ca	
					Thallium and compounds	5.2E+00	nc	1.3E+02	nc	2.4E+00	nc	
					Thiobencarb	6.1E+02	nc	8.8E+03	nc	3.7E+01	nc	
					Thiocyanate	6.1E+03	nc	1.0E+05	max	3.7E+02	nc	
3.0E-04	h	3.0E-04	r 0 0.1	39196-18-4	Thiofanox	1.8E+01	ca	2.6E+02	nc	1.1E+00	nc	
8.0E-02	i	8.0E-02	r 0 0.1	23564-05-8	Thiophanate-methyl	4.9E+03	nc	7.0E+04	nc	2.9E+02	nc	
5.0E-03	i	5.0E-03	r 0 0.1	137-26-8	Thiram	3.1E+02	ca	4.4E+03	nc	1.8E+01	nc	
6.0E-01	h	0 0.1	0	7446-18-6	Tin (inorganic, see tributyltin oxide for organic tin)	4.7E+04	nc	1.0E+05	max	2.2E+04	nc	
2.0E-01	i	1.0E-01	h 1	108-88-3	Toluene	5.2E+02	sat	5.2E+02	sat	4.0E+02	nc	
3.2E+00	h	3.2E+00	r 0 0.1	95-80-7	Toluene-2,4-diamine	1.5E-01	ca	7.7E-01	ca	2.1E-03	ca	
										1.2E+01	6.0E-01	
					Toluene-2,5-diamine	3.7E+04	nc	1.0E+05	max	2.2E+03	nc	
					Toluene-2,6-diamine	1.2E+04	nc	1.0E+05	max	7.3E+03	nc	
1.9E-01	i	1.9E-01	r 0 0.1	823-40-5	p-Toluidine	2.6E+00	ca	1.3E+01	ca	3.5E-02	ca	
1.1E+00	i	1.1E+00	i 0 0.1	8001-35-2	Toxaphene	4.4E-01	ca	2.2E+00	ca	6.0E-03	ca	
7.5E-03	i	7.5E-03	r 0 0.1	66841-25-6	Tralomethrin	4.6E+02	nc	6.6E+03	nc	2.7E+01	nc	
1.3E-02	i	1.3E-02	r 0 0.1	2303-17-5	Triallate	7.9E+02	nc	1.1E+04	nc	4.7E+02	nc	
1.0E-02	i	1.0E-02	r 0 0.1	82097-50-5	Triasulfuron	6.1E+02	nc	8.8E+03	nc	3.7E+01	nc	
5.0E-03	i	5.0E-03	r 0 0.1	615-54-3	1,2,4-Tribromobenzene	3.1E+02	nc	4.4E+03	nc	1.8E+02	nc	
3.0E-04	i	3.0E-04	r 0 0.1	56-35-9	Tributyltin oxide (TBTTO)	1.8E+01	nc	2.6E+02	nc	1.1E+01	nc	
3.4E-02	h	3.4E-02	r 0 0.1	634-93-5	2,4,6-Trichloroaniline	1.4E+01	ca	7.3E+01	ca	2.0E+00	ca	
2.9E-02	h	2.9E-02	r 0 0.1	33663-50-2	2,4,6-Trichloroaniline hydrochloride	1.7E+01	ca	8.5E+01	ca	2.3E+00	ca	
					1,2,4-Trichlorobenzene	6.5E+02	nc	3.0E+03	sat	2.1E+02	nc	
1.0E-02	i	5.7E-02	h 1	120-82-1						5.0E+00	3.0E-01	
2.0E-02	n	2.9E-01	n 1	71-55-6	1,1,1-Trichloroethane	6.3E+02	nc	1.0E+03	sat	5.4E+02	nc	
5.7E-02	i	4.0E-03	i 5.6E-02	r 1	79-00-5	8.4E-01	ca*	1.9E+00	ca*	1.2E-01	ca	
1.1E-02	n	6.0E-03	x 6.0E-03	n 6.0E-03	Trichloroethylene (TCE)	2.8E+00	ca*	6.1E+00	ca*	1.1E+00	ca*	
3.0E-01	i	2.0E-01	h 1	75-69-4	Trichlorofluoromethane	3.9E+02	nc	2.0E+03	sat	7.3E+02	nc	
1.0E-01	i	1.0E-01	r 0 0.1	95-95-4	2,4,5-Trichlorophenol	6.1E+03	nc	8.8E+04	nc	3.6E+03	nc	
1.1E-02	i	1.1E-02	i 0 0.1	88-06-2	2,4,6-Trichlorophenol	4.4E+01	ca	2.2E+02	ca	6.2E-01	ca	
										2.7E+02	1.4E+01	
										2.0E-01	8.0E-03	
1.0E-02	i	1.0E-02	r 0 0.1	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	6.1E+02	nc	8.8E+03	nc	3.7E+01	nc	
8.0E-03	i	8.0E-03	r 0 0.1	93-72-1	2-(2,4,5-Trichlorophenoxy) propionic acid	4.9E+02	nc	7.0E+03	nc	2.9E+02	nc	
5.0E-03	i	5.0E-03	r 1	598-77-6	1,1,2-Trichloropropane	1.5E+01	nc	5.1E+01	nc	1.8E+01	nc	
7.0E+00	h	6.0E-03	i 7.0E+00	r 1	96-18-4	1,2,3-Trichloropropene	1.4E-03	ca	3.1E-03	ca	9.6E-04	ca
					1,2,3-Trichloropropene	1.2E+01	nc	3.9E+01	nc	1.8E+01	nc	
					1,1,2-Trichloro-1,2,2-trifluoroethane	5.6E+03	sat	5.6E+03	sat	3.1E+04	nc	
3.0E-03	i	3.0E-03	r 0 0.1	58138-08-2	Iridiphane	1.8E+02	nc	2.6E+03	nc	1.1E+01	nc	
2.0E-03	r	2.0E-03	i 1	121-44-8	Triethylamine	2.3E+01	nc	8.8E+01	nc	1.2E+01	nc	
7.7E-03	i	7.7E-03	r 7.5E-03	r 0 0.1	Trifluralin	6.3E+01	ca*	3.2E+02	ca*	8.7E+00	ca*	
1.4E-04	r	1.4E-04	n 0.1	552-30-7	Trimellitic Anhydride (TMAN)	8.6E+00	nc	1.2E+02	nc	5.1E-01	nc	
5.0E-02	n	1.7E-03	n 1	95-63-6	1,2,4-Trimethylbenzene	5.2E+01	nc	1.7E+02	nc	6.2E+00	nc	
5.0E-02	n	1.7E-03	n 1	108-67-8	1,3,5-Trimethylbenzene	2.1E+01	nc	7.0E+01	nc	1.2E+01	nc	
3.7E-02	h	3.7E-02	r 0 0.1	512-56-1	Trimethyl phosphate	1.3E+01	ca	6.7E+01	ca	1.8E+00	ca	
3.0E-02	i	3.0E-02	r 0 0.1	99-35-4	1,3,5-Trinitrobenzene	1.8E+03	nc	2.6E+04	nc	1.1E+03	nc	
1.0E-02	h	1.0E-02	r 0 0.1	479-45-8	Trinitrophenylmethylnitramine	6.1E+02	nc	8.8E+03	nc	3.6E+02	nc	

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FOR PLANNING PURPOSES

TOXICITY INFORMATION							V skin O abs. C soils	CAS No.	CONTAMINANT		PRELIMINARY REMEDIATION GOALS (PRGs)					SOIL SCREENING LEVELS			
SF _o 1/(mg/kg-d)	RfDo (mg/kg-d)	SF _i 1/(mg/kg-d)	RfDi (mg/kg-d)						Residential Soil (mg/kg)	Industrial Soil (mg/kg)	Ambient Air (ug/m ³)	Tap Water (ug/l)	Migration to Ground Water	DAF 20 (mg/kg)	DAF 1 (mg/kg)				
3.0E-02	i	5.0E-04	i	3.0E-02	r	5.0E-04	r	0	0.1	118-96-7	2,4,6-Trinitrotoluene	1.6E+01	ca**	8.2E+01	ca**	2.2E-01	ca**	2.2E+00	ca**
		1.0E-01	n			1.0E-01	r	0.1		791-28-6	Triphenylphosphine oxide	6.1E+03	nc	8.8E+04	nc	3.7E+02	nc	3.6E+03	nc
1.4E-02	n	3.0E-01	n	1.4E-02	r	3.0E-01	r	0.1		115-96-8	Tris(2-chloroethyl) phosphate	3.5E+01	ca	1.8E+02	ca	4.8E-01	ca	4.8E+00	ca
		2.0E-04	n						7440-61-0	Uranium (chemical toxicity only)	1.6E+01	nc	4.1E+02	nc			7.3E+00	nc	
		7.0E-03	h					0		7440-62-2	Vanadium and compounds	5.5E+02	no	1.4E+04	nc			2.6E+02	nc
		1.0E-03	i			1.0E-03	r	0	0.1	1929-77-7	Vernam	6.1E+01	nc	8.8E+02	nc	3.7E+00	nc	3.6E+01	nc
		2.5E-02	i			2.5E-02	r	0	0.1	50471-44-8	Vincolozolin	1.5E+03		2.2E+04	nc	9.1E+01	nc	9.1E+02	nc
		1.0E+00	h			5.7E-02	i	1		108-05-4	Vinyl acetate	4.3E+02	nc	1.4E+03	nc	2.1E+02	nc	4.1E+02	nc
1.1E-01	r	8.6E-04	r	1.1E-01	h	8.6E-04	i	1		593-60-2	Vinyl bromide (bromoethene)	1.9E-01	ca*	4.2E-01	ca*	6.1E-02	ca*	1.0E-01	ca*
1.5E+00	i	3.0E-03	i	3.1E-02	i	2.9E-02	i	1		75-01-4	Vinyl chloride (child/adult)	1.5E-01	ca			2.2E-01	ca	4.1E-02	ca
7.5E-01	i	3.0E-03	i	1.6E-02	i	2.9E-02	i	1		75-01-4	Vinyl chloride (adult)			8.3E-01	ca				
		3.0E-04	i			3.0E-04	r	0	0.1	81-81-2	Warfarin	1.8E+01	nc	2.6E+02	nc	1.1E+00	nc	1.1E+01	nc
		2.0E+00	i			2.0E-01	x	1	0.1	1330-20-7	Xylenes	2.1E+02	sat	2.1E+02	sat	7.3E+02	nc	1.4E+03	nc
		3.0E-01	i			0				7440-66-6	Zinc	2.3E+04	nc	1.0E+05	max			1.1E+04	nc
		3.0E-04	i			0				1314-84-7	Zinc phosphide	2.3E+01	nc	6.1E+02	nc			1.1E+01	nc
		5.0E-02	i			5.0E-02	r	0	0.1	12122-67-7	Zineb	3.1E+03	nc	4.4E+04	nc	1.8E+02	nc	1.8E+03	nc